

TEAC

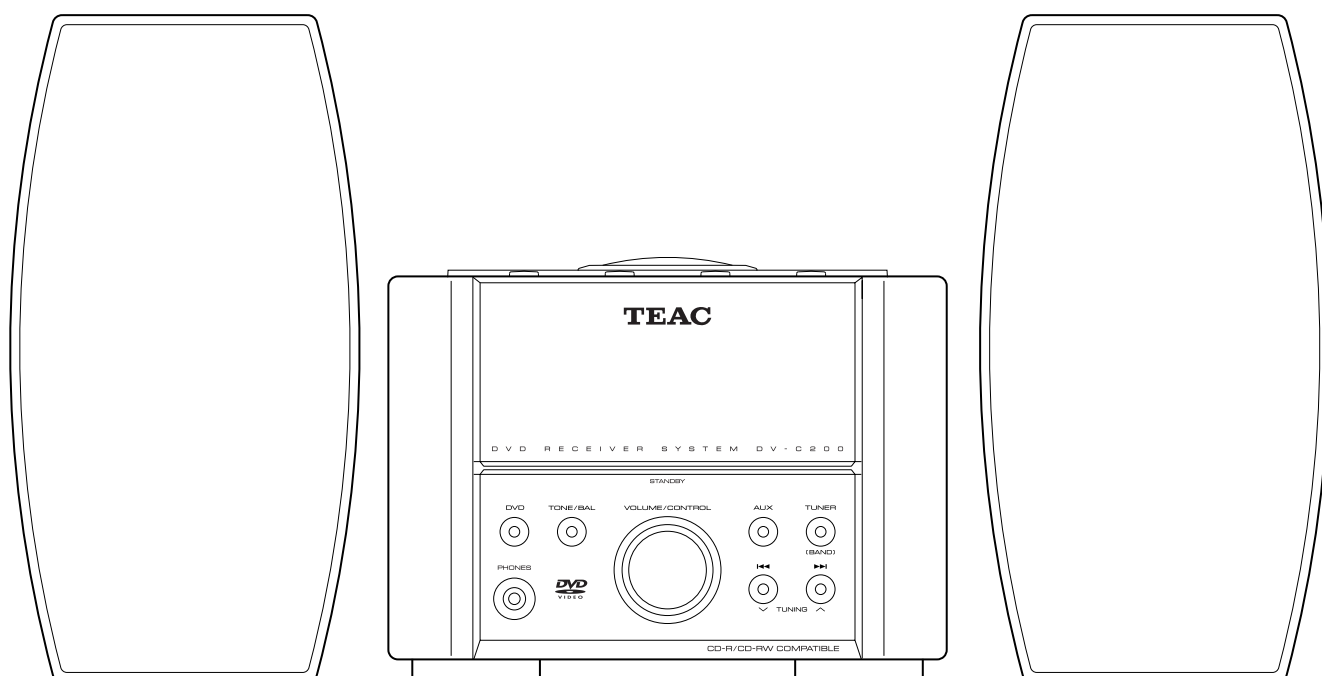
9A09453000
YOM0138C001



DV-C200

DVD Receiver System

OWNER'S MANUAL



Important Safety Instructions

This product has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, subchapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as class 1 laser product. There is not hazardous invisible laser radiation during operation because invisible laser radiation emitted inside of this product is completely confined in the protective housings.

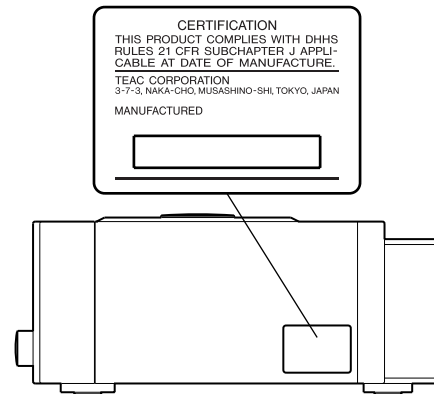
The label required in this regulation is shown ①.

CAUTION

- DO NOT REMOVE THE PROTECTIVE HOUSING USING SCREWDRIVER.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- IF YOU SHOULD EXPERIENCE ANY PROBLEMS WITH THIS PRODUCT THAT CANNOT BE RESOLVED WITH THE "TROUBLESHOOTING" SECTION LATER IN THIS MANUAL, CONTACT A TEAC AUTHORIZED SERVICE AGENCY. DO NOT CONTINUE TO USE THE PRODUCT UNTIL THE PROBLEM IS RESOLVED.

For U.S.A.

① For U.S.A.



Optical pickup :

Type	: HOP-1200
Manufacturer	: Hitachi Media Electronics Co., Ltd.
Laser output	: Less than 0.5 mW on the objective lens
Wavelength	: 770 - 810 nm (CD), 635 - 665 nm (DVD)

TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference in a residential area. This device generates and uses radio frequency energy and if not installed and used in accordance with the instructions, it may cause interference to radio or TV reception. If this unit does cause interference with TV or radio reception you can try to correct the interference by one or more of the following measures :

- a) Reorient or relocate the receiving antenna.
- b) Increase the separation between the equipment and the receiver.
- c) Plug the equipment into a different outlet so that it is not on the same circuit as the receiver. If necessary, consult the dealer or an experienced radio/TV technician for additional suggestions.

CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance could void the user's authority to operate this equipment.

For CANADA

Pour le CANADA

AC POWER CORD CONNECTION

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

CORDE DE CONNEXION CA

ATTENTION:

POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

Important Safety Instructions

CAUTION

- Read all of these Instructions.
- Save these Instructions for later use.
- Follow all Warnings and Instructions marked on the audio equipment.

1) Read Instructions — All the safety and operating instructions should be read before the product is operated.

2) Retain Instructions — The safety and operating instructions should be retained for future reference.

3) Heed Warnings — All warnings on the product and in the operating instructions should be adhered to.

4) Follow Instructions — All operating and use instructions should be followed.

5) Cleaning — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6) Attachments — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7) Water and Moisture — Do not use this product near water — for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8) Accessories — Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9) A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



10) Ventilation — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11) Power Sources — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

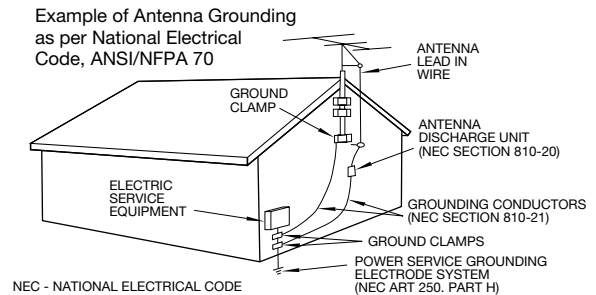
12) Grounding or Polarization — This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13) Power-Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14) Outdoor Antenna Grounding — If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."



15) Lightning — For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

16) Power Lines — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17) Overloading — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in risk of fire or electric shock.

18) Object and Liquid Entry — Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

19) Servicing — Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20) Damage Requiring Service — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) when the power-supply cord or plug is damaged.
- b) if liquid has been spilled, or objects have fallen into the product.
- c) if the product has been exposed to rain or water.
- d) if the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) if the product has been dropped or damaged in any way.
- f) when the product exhibits a distinct change in performance _ this indicates a need for service.

21) Replacement Parts — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

22) Safety Check — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23) Wall or Ceiling Mounting — The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24) Heat — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

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Thank you for choosing TEAC. Read this manual carefully to get the best performance from this unit.

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CAUTION

The product shall not be exposed to dripping or splashing and that no object filled with liquids, such as vases, shall be placed on the product.

Do not install this equipment in a confined space such as a book case or similar unit.

Before Use

Conventions about This Manual

- Instructions in this manual describe the controls on the remote control. You can also use the buttons on the front panel if they have the same or similar names as those on the remote.
- The types of functions and operations that can be used for a particular disc vary depending on the features of that disc. In some cases, these functions and operations may differ from the descriptions given in this Owner's Manual. In this event, follow the instructions given on the screen. This Owner's Manual only covers basic disc operations.
- For some operations, the PROHIBIT icon "🚫" may appear on the screen. This indicates that the operation described in this Operations Manual is not permitted for the current disc.
- The drawings about the TV screen and front panel display used in this Operations Manual are purely for the purposes of explanation. The actual displays may differ slightly from what are shown here.

Read this before operation

- As the unit may become warm during operation, always leave sufficient space above the unit for ventilation.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.
- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture.
- Do not place the unit on any high heat-producing units like your amplifier/receiver.
- Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the set, contact your dealer.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank the cord.
- To keep the laser pickup clean, do not touch it, and do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Keep this manual in a safe place for future reference.

DO NOT MOVE THE UNIT DURING PLAYBACK

During playback, the disc rotates at high speed. Do NOT lift or move the unit during playback. Doing so may damage the disc.

WHEN MOVING THIS UNIT

When changing places of installation or packing the unit for moving, be sure to remove the disc and return the disc table to its original position in the player. Then, press the power switch to turn the power off, and disconnect the power cord. Moving this unit with the disc loaded may result in damage to this unit.




CAUTION Regarding Placement

To maintain proper ventilation, be sure to leave a space around the unit (from the largest outer dimensions including projections) equal to, or greater than, shown below.

Left and Right sides	: 4" (10 cm)
Rear Panel	: 4" (10 cm)
Top Panel	: 20" (50 cm)

Type of Discs That Can be Played on This Unit

This player can playback discs bearing any of the following marks:

 <p>DVDs 12cm or 8cm disc See Note 1, 2, 3.</p>	 <p>Video CDs 12cm or 8cm disc (version up to 2.0) See Note 2.</p>	 <p>Audio CDs, MP3 12cm or 8cm disc See Note 4.</p>
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Note 1

DVD players and discs are designed with region numbers that dictate the regions in which a disc can be played. If the region number on the disc you want to play does not match the region number of your DVD player, you will not be able to play the disc. In that case, an error message will appear on the screen.

The region code is printed on the rear panel of this unit.
Discs having following region code can be played with this unit :



Note 2

The specific playback functionality for some DVD and video CD discs is determined by the disc manufacturer. Because this DVD player plays disc data in accordance with the disc manufacturer's guidelines, some functions may not be available on some discs. Be sure to read the instructions provided with the disc.

The PROHIBIT icon "🚫" displayed during DVD player operation indicates that such manufacturer imposed restrictions apply.

Note 3

The audio on a DVD disc recorded in MPEG version 2.0 format cannot be played (MPEG-2 is an image only format).

Note 4

File names of MP3 should be alphanumeric characters. This unit cannot display symbols and 2 byte-wide characters (such as Japanese, Chinese, etc.) correctly.

Also, be sure to use the extension ".mp3".

When more than 200 MP3 files are recorded on the disc, the unit might not be able to play it correctly.

Following discs cannot be played with this unit:

CD-G, CD-EXTRA, PHOTO CD, CD-ROM and DVD-ROM discs recorded in a color system other than PAL or NTSC
illegally produced discs
scratched discs
discs that are dusty, soiled or marked with fingerprints






Warning:

If you attempt to play back such discs, there is a risk that sudden noise bursts can blast over the speakers at full volume and cause damage to the speakers and your hearing.

About CD-R/CD-RW

Depending on the quality of the disc and/or the condition of the recording, some CD-R & CD-RW discs may not be playable.

Exmple of Icons used on DVD discs:

	1. English 2. French	number of audio tracks recorded on the disc
	1. English 2. French	number of subtitles recorded on the disc
	16:9 LB	screen aspect ratio
	2	disc recorded with multiple camera angles
		region code

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Glossary of Disc Terms

Most DVDs are formatted like a book. Each book has at least one "Title" (perhaps more). Each "Title" is divided into multiple "Chapters". The "Chapters" are made up of several "Pages". To understand how a DVD is formatted, think of it as a book.

Title (DVD)

The longest sections of a movie or a music piece on a DVD; a movie or a picture piece on a video software disc; or an entire album or a music piece on an audio disc. Each title is assigned a title number enabling you to locate the title you want.

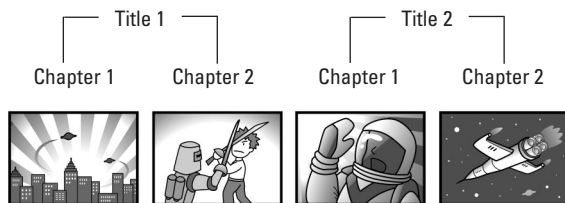
Chapter (DVD)

Sections of a picture or a music piece that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want. Depending on the disc, there may be only one chapter per title recorded.

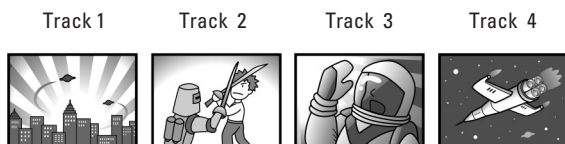
Track (Video or audio CD)

Sections of a picture or a music piece (song) on a VIDEO or an audio CD. Each track is assigned a track number enabling you to locate the track you want.

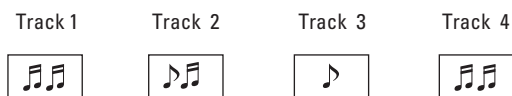
DVD



VCD

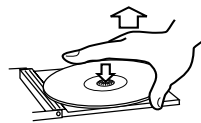


CD



- Always place the disc on the disc tray with the label side uppermost. (Compact discs can be played or recorded only on one side.)
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

How to remove the disc



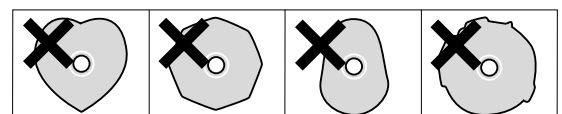
How to hold the disc



- Should the disc become dirty, wipe the surface radially (from the center out towards the edge) with a soft, dry cloth :



- Never use such chemicals as record sprays, antistatic sprays or fluid, benzine or thinner to clean the discs. Such chemicals will do irreparable damage to the disc's plastic surface.
- Discs should be returned to their cases after use to avoid dust and scratches that could cause the laser pickup to "skip."
- Do not expose discs to direct sunlight or high humidity and temperature for extended periods. Long exposure to high temperatures will warp the disc.
- CD-R and CD-RW discs are more sensitive to the effects of heat and ultraviolet rays than ordinary CDs. It is important that they are not stored in a location where direct sunlight will fall on them, and which is away from sources of heat such as radiators or heat-generating electrical devices.
- Printable CD-R and CD-RW discs aren't recommended, as the label side might be sticky and damage the unit.
- Do not stick papers or protective sheets on the discs and do not use any protective coating spray.
- Use a soft oil-based felt-tipped pen to write the information on the label side. Never use a ball-point or hard-tipped pen, as this may cause damage to the recorded side.
- Never use a stabilizer. Using commercially available CD stabilizers with this unit will damage the mechanisms and cause them to malfunction.
- Do not use irregular shape CDs (octagonal, heart-shape, etc.). CDs of this sort can damage the unit:

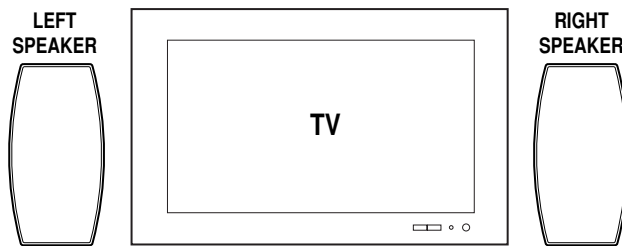


- If you are in any doubt as to the care and handling of a CD-R/CD-RW disc, read the precautions supplied with the disc, or contact the disc manufacturer directly.

"Fast Start" to Play a DVD 1

This chapter describes the fastest way to get Playing a DVD.

1. Rearrange things around your TV set so you have a place for a speaker on each side.



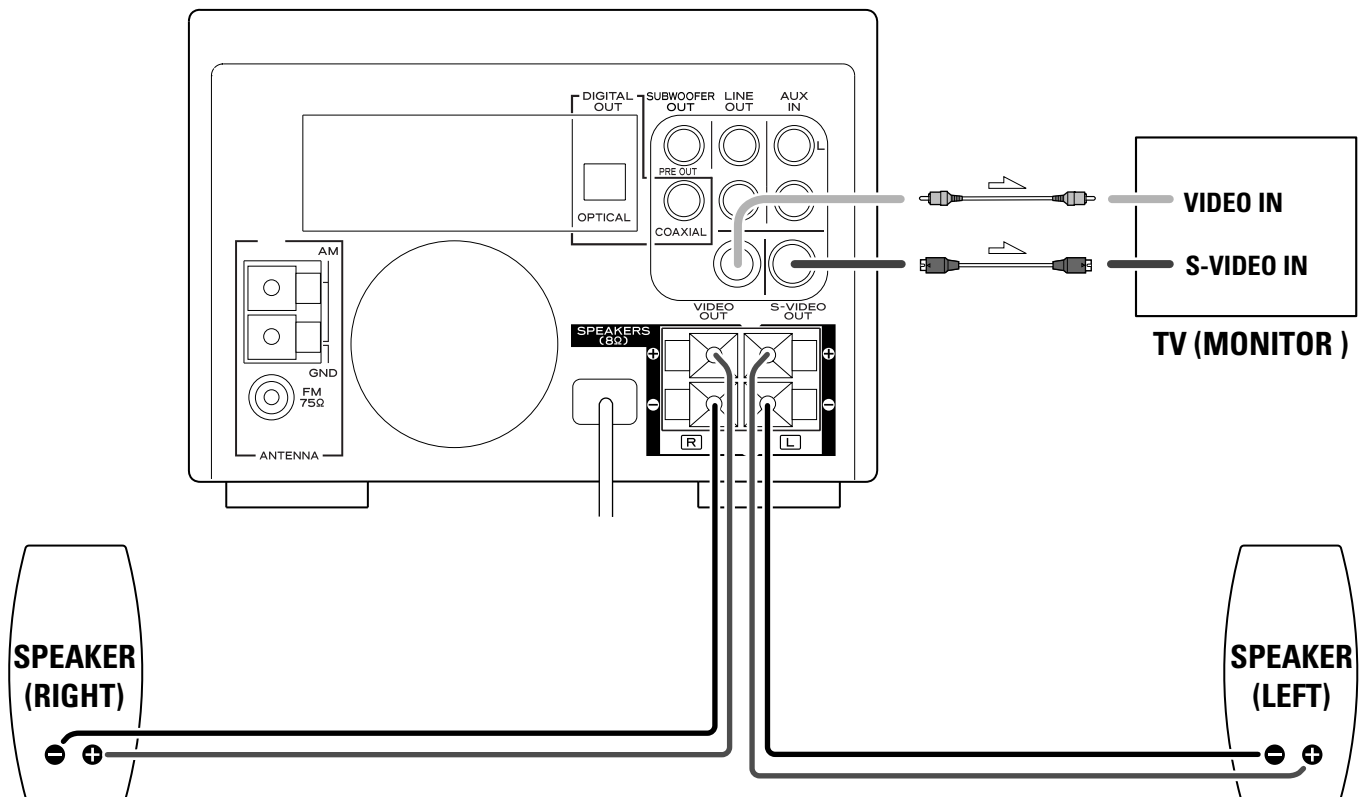
2. Connect the speakers to the DV-C200.

Make sure you always hook the positive (+) to positive (+) and negative (-) to negative (-) on all connections.

3. Connect the DV-C200 to your TV set.

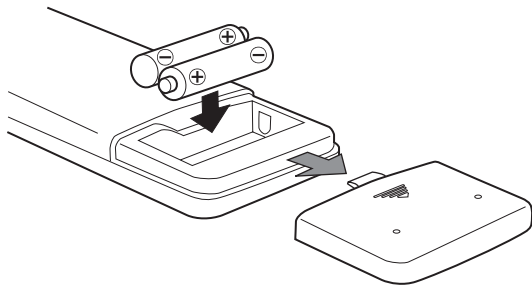
Note: the labeling of whichever video input jack you select.

You can use either the "video" or the "S-video" connection. Use the S-VIDEO connection if your TV set has the corresponding jack as this offers better picture quality than does the VIDEO connection.

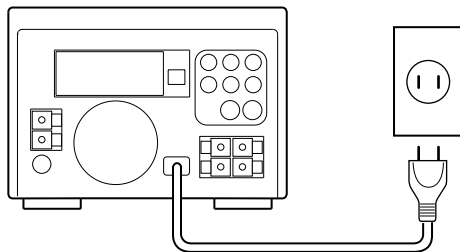


"Fast Start" to Play a DVD 2

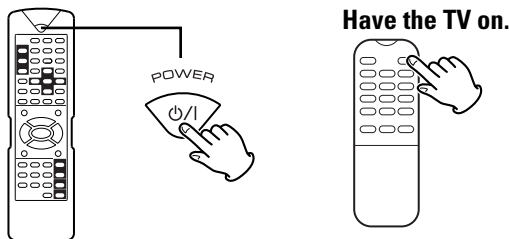
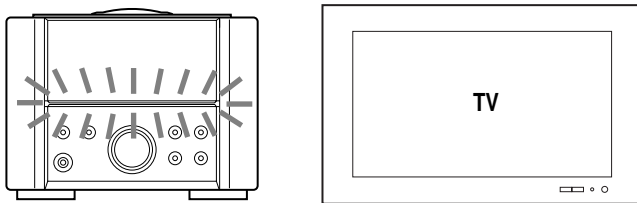
4. Put the supplied batteries in the remote control unit.



5. Connect the AC power cord to a wall outlet.

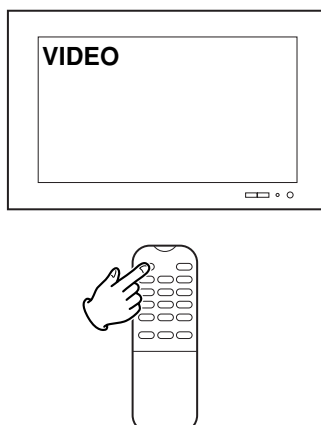


6. Switch on power to the DV-C200, as well as the TV set.

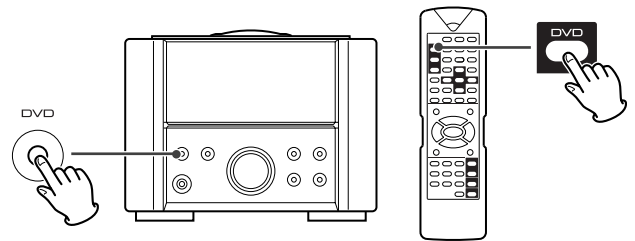


7. If the TV set is in TV mode, switch it to the Video mode.

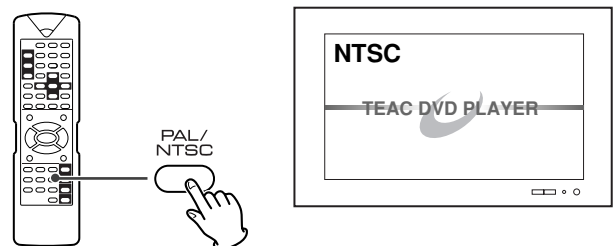
You may have to select "external" or "video", depending on your television. Set the TV to select the input source that you connected the video cable to in step 3 above. (If you have difficulty finding the proper selection, consult the owners manual for your television.)



8. Switch the DV-C200 into the DVD mode by pressing the DVD button.

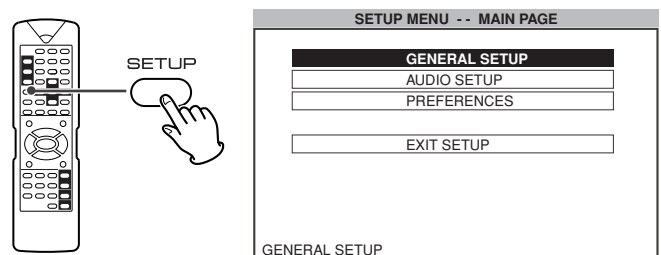


9. If the TV screen is rolling or scrambled, correct it by pressing the remote NTSC/PAL button.

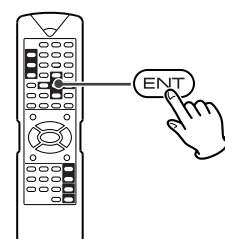


10. Perform the following on-screen setting procedure.

- 1) Get to the SETUP MENU by pressing the SETUP button.

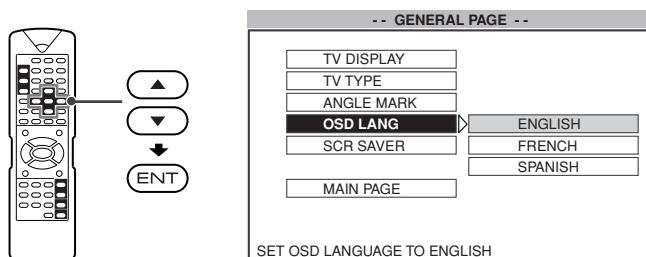
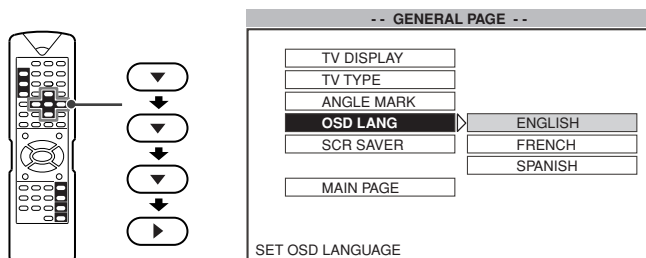


- 2) To change the OSD (On-Screen Display) language, select GENERAL SETUP from the menu.

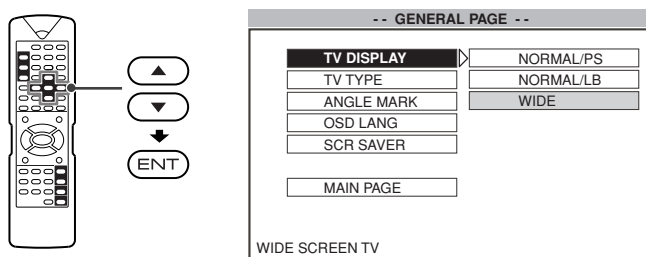
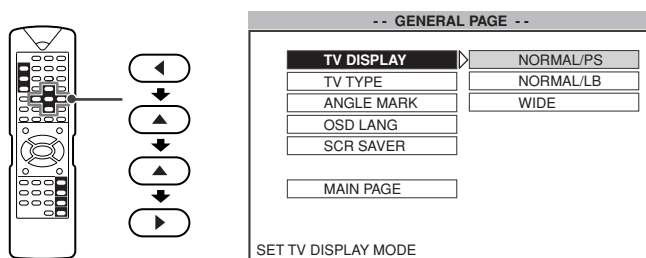


"Fast Start" to Play a DVD 3

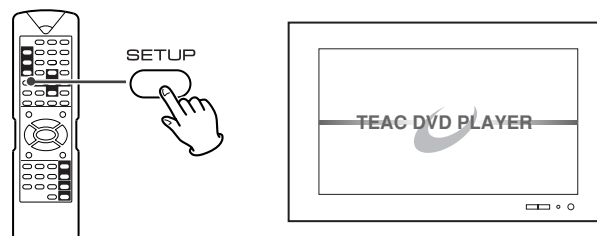
Then select **OSD LANG**, and then select your language.



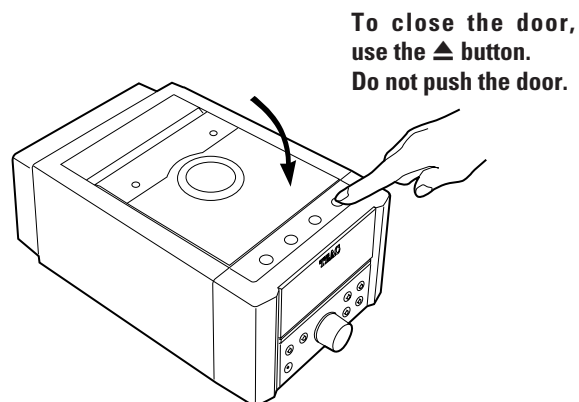
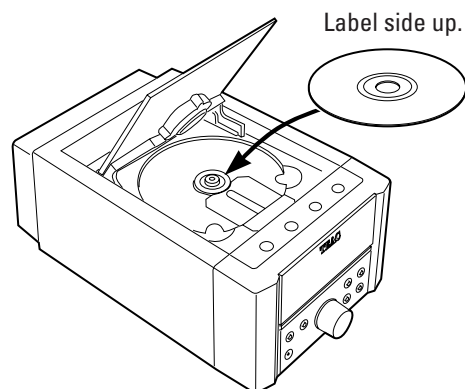
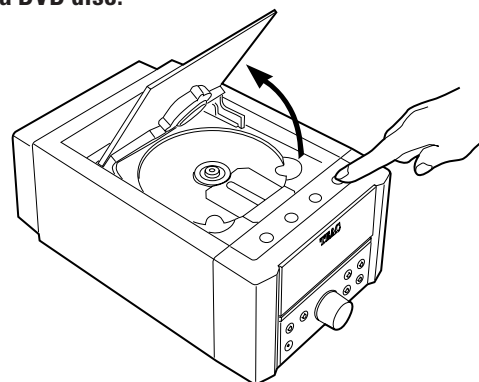
3) In a similar manner, set the **TV DISPLAY** setting to match your TV set.



4) Exit the **SETUP MENU** by pressing the **SETUP** button.

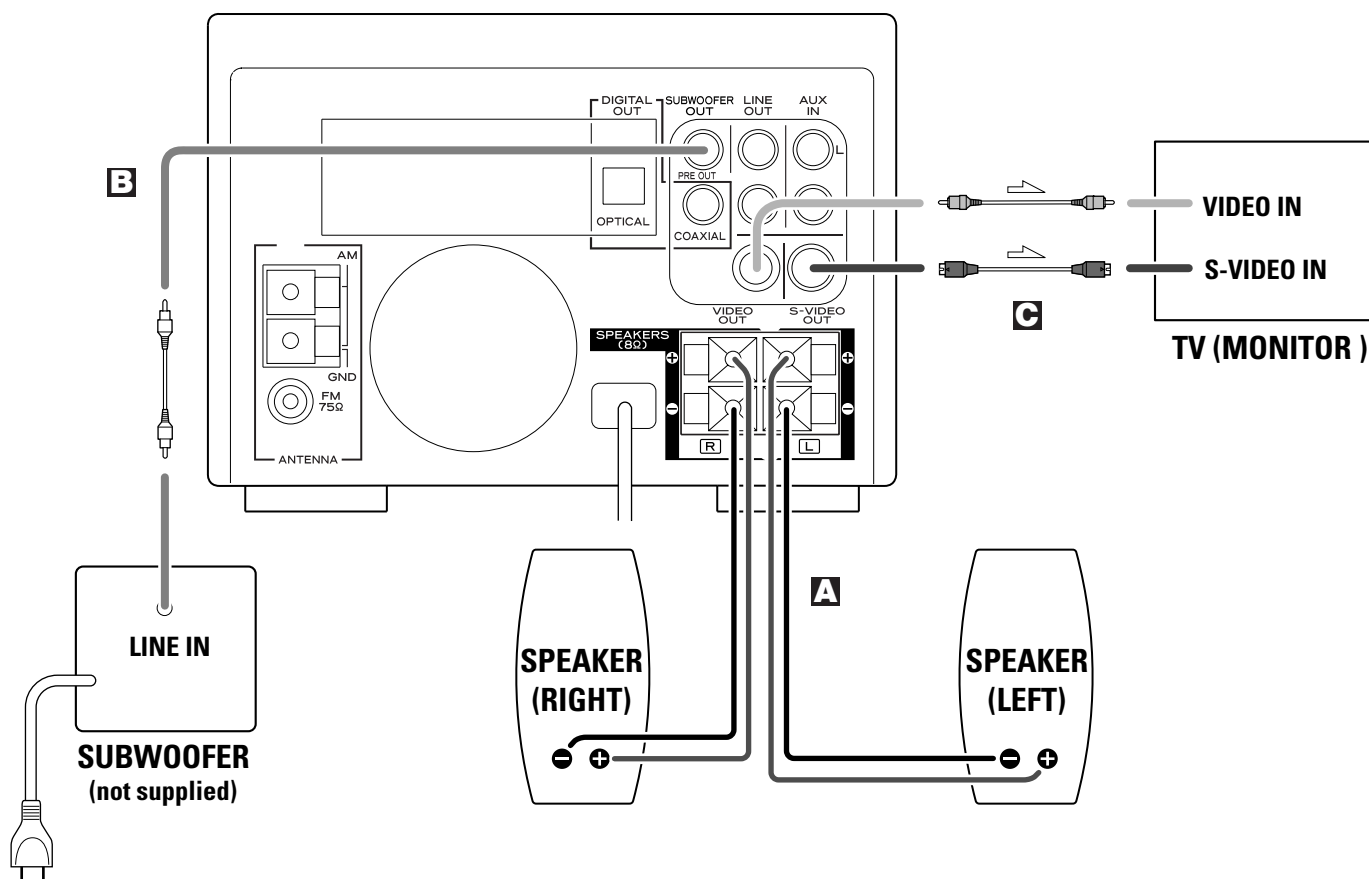


11. Load a DVD disc.



On completion of the loading process, the disc automatically starts playing.

Depending on the disc, a menu screen appears. If this is the case, see page 21.



Connection 1

CAUTION

Make sure the power is OFF on all the equipment before making connections.

Read the instructions of each component you intend to use with this unit.

Be sure to insert each plug securely. To prevent hum and noise, do not bundle the connection cords with the power cord or speaker cord.

A SPEAKERS

- Connect the provided speaker cables (or other suitable cables) from the speaker terminals to the terminals of this unit. Be sure to match the color of the cables with the color of the terminals.
- Be sure that the positive ⊕ terminal of the speaker is connected to the corresponding ⊕ terminal of this unit, and that negative ⊖ matches ⊖.



How to connect :

Pull down the lever, insert the stripped and twisted end of the cord, then pull up the lever. Make sure it is fastened securely by pulling the cord lightly. Make sure none of the plastic insulation is inserted in the opening.

B SUBWOOFER OUT jack

Connect a commercially available powered subwoofer. A subwoofer is optional and not required to enjoy your TEAC DV-C200 DVD receiver. Adding a subwoofer will enhance bass sounds.

Connection to a TV or monitor.

- It is highly recommended that you connect this unit to a TV directly. If you connect this unit to the TV through a video cassette recorder (VCR) and play copy protected DVD discs, the playback picture might be distorted.

C VIDEO or S-VIDEO jacks

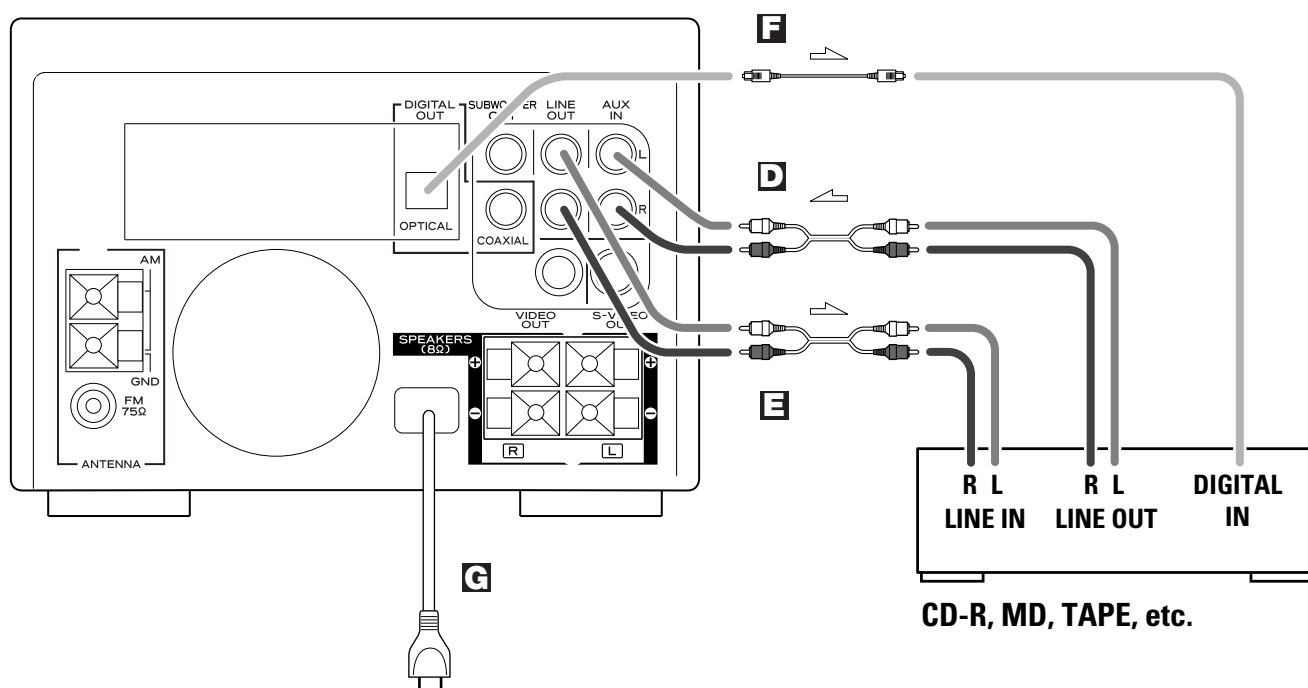
Connect the VIDEO out jack on your DV-C200 to the VIDEO IN jack on your TV with a quality RCA cable. (or) Connect the S-VIDEO out jack on your DV-C200 to the S-VIDEO in jack on your TV using a quality S-Video cable. If you have the option of both Video and S-video jacks, use the S-video connection. S-Video provides a clearer, sharper and more color accurate picture than the "composite" video connection.

VIDEO OUT (DV-C200) → VIDEO IN (TV)

By connecting S-VIDEO jacks, you can enjoy a clearer picture. If your TV has an S-VIDEO jack, connect them with an S-VIDEO cable.

S-VIDEO OUT (DV-C200) → S-VIDEO IN (TV) (preferred)

When S-VIDEO jacks are connected, you don't have to connect the VIDEO jack.



Connection 2

Connection to external audio component

If you would like to connect another audio device such as a cassette player, Mini Disc player or a CD player, connect these devices as shown below. If you plan on recording from your DV-C200, make sure you select the proper audio output mode in accordance with your connection. (see page 17, 18)

D AUX IN jacks

Connect the component with RCA pin cables.

AUX IN (DV-C200) → LINE OUT (CD-R, MD, TAPE, etc)

Make sure to connect :

white plug → white jack (L: left channel)
red plug → red jack (R: right channel)

E LINE OUT jacks

Connect the component with RCA pin cables.

LINE OUT (DV-C200) → LINE IN or "Record"
(CD-R, MD, TAPE, etc)

Make sure to connect :

white plug → white jack (L: left channel)
red plug → red jack (R: right channel)

F DIGITAL OUT jacks

Connect the component with a coaxial cable or an optical cable.

DIGITAL OUT (DV-C200) → DIGITAL IN (CD-R, MD, DAT, etc.)

- Connect either OPTICAL or COAXIAL.
- When using DIGITAL OUT OPTICAL terminals, remove the caps from the terminals. When you do not use them, leave the caps in place.
- If the ANALOG is selected in AUDIO OUTPUT mode, or the headphones are plugged in, the COAXIAL and OPTICAL will not have audio outputs. See page 17 to select AUDIO OUTPUT type.

G Power cord

- Be sure to connect the power cord to an AC outlet that supplies the correct voltage.
- Hold the power plug when plugging or unplugging the power cord.
- When the cord is plugged in, a small amount of current continues to flow to the unit, even when the power is turned off. Unplug the power cord from the AC outlet when the unit isn't in use for some time.

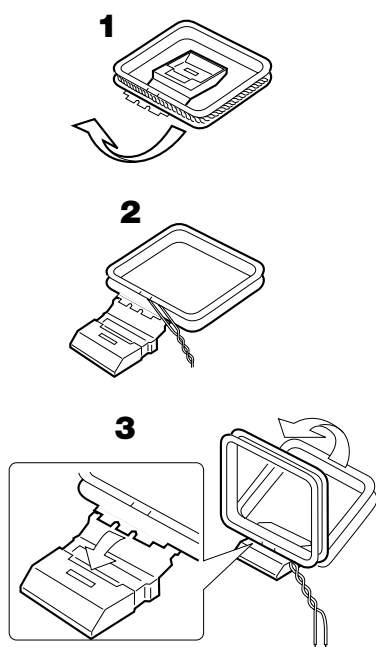
AM Indoor Loop Antenna

A high-performance AM loop antenna provided with the receiver is sufficient for good reception in most areas.

Connect the loop antenna's wires to the AM antenna terminals as shown.

Place the antenna in a suitable location and rotate it until you receive the best reception. Keep the antenna as far away as possible from the entire system, speaker cords and the power cord, to prevent unwanted noise.

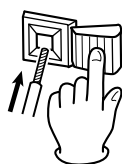
To stand the antenna on a surface, fix the claw to the slot.



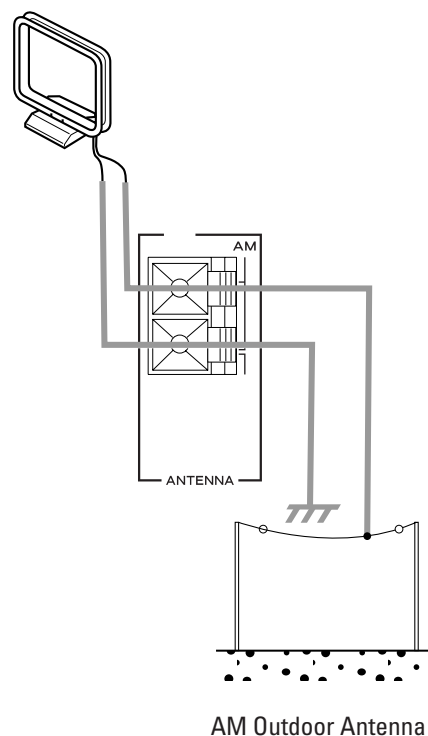
How to connect

Press the lever, insert the stripped end of the cord, then release the lever.

Make sure it is fastened securely by pulling the cord lightly. Make sure only the bare, stripped wire is inserted in the jack and that no plastic insulation is preventing contact between the antenna wire and terminal.



AM Loop Antenna (provided)



AM Outdoor Antenna

AM Outdoor Antenna

If the AM loop antenna provided does not deliver sufficient reception (because you are too far from the transmitter or in a concrete building, etc.), it may be necessary to use an outdoor AM antenna.

Use an insulated wire more than 15 ft (5 m) long, strip one end, and connect this to the terminal as shown.

The antenna wire should be strung outdoors or indoors near a window.

For better reception, connect the GND terminal to a reliable ground.

Note:

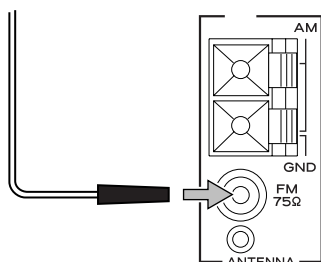
Even when using an outdoor AM antenna, do not disconnect the AM loop antenna.

Connecting Antennas 2

FM Indoor Antenna

If you live reasonably close to a transmitter and want to use the provided lead-type FM antenna, you will have to connect it direct to the "FM 75Ω" socket.

Fit the metal sleeve of the lead-type antenna over the core (center) conductor of the "FM 75Ω" socket, extend the lead and fix it to a window frame or wall with thumbtacks, or the like, where reception is best.

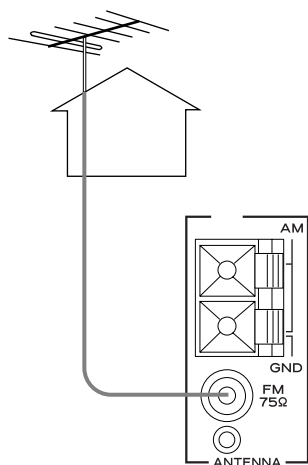


Lead-type FM Antenna(75Ω) (provided)

FM Outdoor Antenna

In an area where FM signals are weak, it will be necessary to use a 75-ohm unbalanced-type outdoor FM antenna using the optional matching transformer, as shown. Generally, a 3-element antenna will be sufficient; if you live in an area where the FM signals are particularly weak, it may be necessary to use one with 5 or more elements.

If you live in an area where radio stations are provided by your Cable Company, you can connect a 75 ohm cable directly from your cable system to the FM 75 ohm antenna input jack.



Outdoor FM Antenna (75Ω)

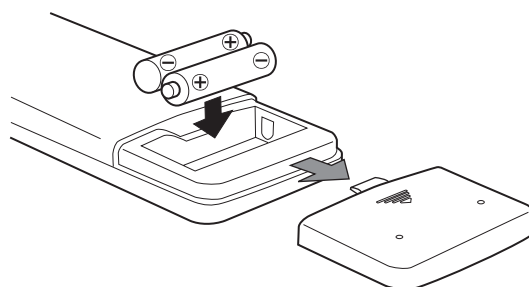
Remote Control Unit

The provided Remote Control Unit allows the unit to be operated from a distance.

When operating the remote control unit, point it towards the REMOTE SENSOR on the front panel of the unit.

- Even if the remote control unit is operated within the effective range, remote control operation may be erratic if there are any obstacles between the unit and the remote control.
- If the remote control unit is operated near other appliances which generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it may operate incorrectly. Conversely, the other appliances may operate incorrectly.

Battery Installation



- 1 Remove the battery compartment cover.
- 2 Insert two "AAA" (R03, UM-4) dry batteries. Make sure that the batteries are inserted with their positive "⊕" and negative "⊖" poles positioned correctly. (Extended life batteries such as Alkaline will extend the time between battery changes significantly.)
- 3 Close the cover.

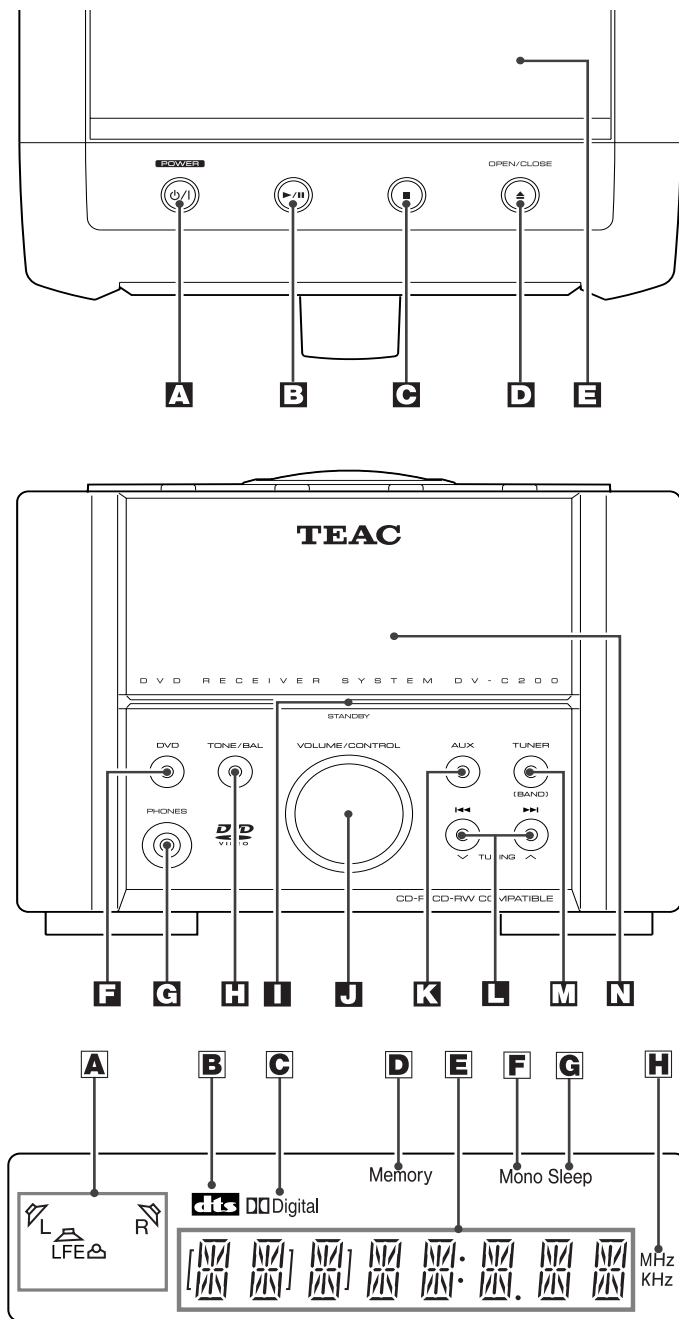
Battery Replacement

If the distance required between the remote control unit and main unit decreases, the batteries are getting weak. In this case replace the batteries with new ones.

Precautions concerning batteries

- Be sure to insert the batteries with correct positive "⊕" and negative "⊖" polarities.
- Use batteries of the same type. Never use different types of batteries together.
- Rechargeable and non-rechargeable batteries can be used. Refer to the precautions on their labels.
- When the remote control unit is not to be used for a long time (more than a month), remove the batteries from the remote control unit to prevent them from leaking. If they leak, wipe away the liquid inside the battery compartment and replace the batteries with new ones.
- Do not heat or disassemble batteries and never dispose of old batteries by throwing them in a fire.

Name of Each Control 1



On Top

A POWER switch

Turns on and off the main power of the system.

The equipment draws nominal non-operating power from the AC outlet with its POWER switch in the OFF position.

B PLAY/PAUSE button (▶/II)

Plays or pauses a disc.

C STOP button (■)

Stops playing a disc. During DVD operation, pressing once will pause the movie. Pressing a second time will stop the player.

D OPEN/CLOSE button (▲)

Opens or closes the disc cover.

E Disc Cover

Covers the disc playing mechanism.

Front Panel

F DVD button

Selects the DVD function.

G PHONES jack

Connect optional headphones to this jack.

H TONE/BAL button

Selects TREBLE/BASS/Each speakers to adjust its level.

I STANDBY indicator

Lights when the unit switches into the standby mode.

J VOLUME/CONTROL button

Increase the master volume level or the selected channel level.

K AUX button

Selects the AUX function, activating the AUX IN jacks.

L SKIP [TUNING] buttons (◀◀/▶▶)

When playing a disc, press these buttons to select the previous or the next title, chapter or track. While listening to the radio, press these buttons to decrease/increase the frequency. For automatic tuning, press and hold either button for more than 1 second.

M TUNER [BAND] button

Selects the TUNER function.

N Front Panel Display

Indicates the playing time, etc..

Front Panel Display

A Speaker indicators

B DTS indicator

Illuminates when the playing disc is recorded with DTS format.

C Dolby Digital indicator

Illuminates when the playing disc is recorded with Dolby Digital format.

D Memory indicator

Illuminates when the program play mode is set.
Illuminates when presetting radio stations.

E Status Bar

It can show the operating information, such as "OPEN", "CLOSE" and "LOADING", etc.

It can show the type of the playing disc, such as "DVD", "VCD", "CD" and "MP3", etc.

It can show the track and time information of the playing CD or MP3 disc.

It can show the tuner band and frequency.

F Mono indicator

Illuminates when setting to decode FM signal in mono mode.

G Sleep indicator

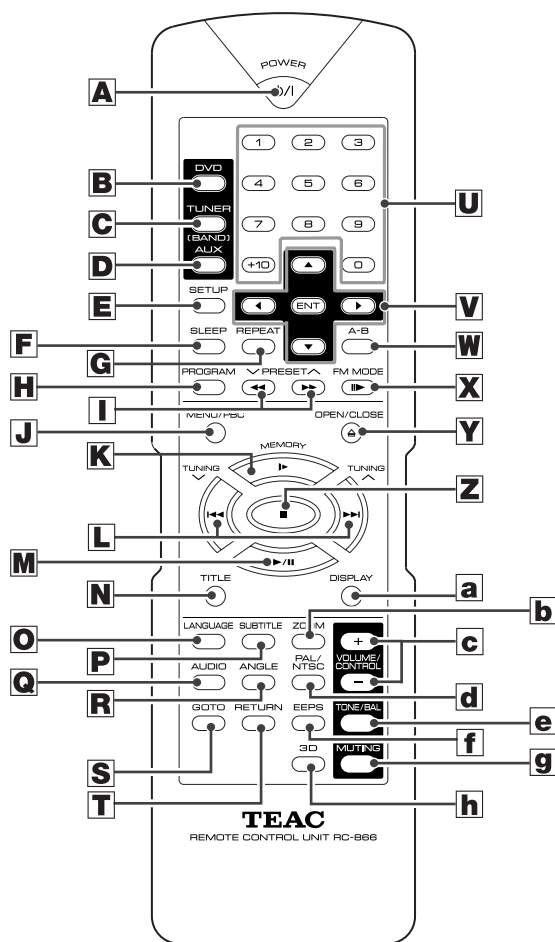
Illuminates when the sleep timer is set to on.

H Frequency Unit indicator

In AM mode, the "kHz" lights up.

In FM mode, the "MHz" lights up.

Name of Each Control 2



Remote Control

A POWER button

Turns on and off the power.

B DVD button

Selects the DVD player mode.

C TUNER (BAND) button

Switches the unit into the Tuner mode. In Tuner mode, this button toggles FM and AM bands.

D AUX button

Selects the AUX component (i.e. external source).

E SETUP button

Displays or exits the SETUP menu.

F SLEEP button

Activates the sleep timer.

G REPEAT button

Press to do a Repeat 1 or Repeat All playback.

H PROGRAM button

Sets a program play.

I PRESET CALL buttons (V/Λ)

Tune in to preset stations while in TUNER mode.

J MENU/PBC button

Displays the menu or switch the PBC functions to on or off when playing a VCD (Ver. 2.0).

K SLOW/MEMORY button (▶)

Do the slow-motion play while playing a DVD or VCD.
In Tuner mode, presets your favorite stations.

L SKIP [TUNING] buttons (◀◀/▶▶)

In DVD player mode, press to select the next / previous title, chapter or track.

In Tuner mode, press to change the tuning frequency. Press and hold the button for more than 1 second to search the station automatically.

M PLAY/PAUSE button (▶/||)

Starts or pauses playing a disc.

N TITLE button

Displays the title menu when playing a DVD.

O LANGUAGE button

Selects a desired language for the audio when playing a DVD.

P SUBTITLE button

Selects a desired language for the subtitles while playing a DVD.

Q AUDIO button

Selects audio channels typically on karaoke discs.

R ANGLE button

Changes the angles while playing a DVD.

S GOTO button

Selects a start point to play.

T RETURN button

Displays the root menu when playing a DVD.

Goes back to the PBC menu when playing a VCD or SVCD.

U Numeric buttons

Select the items or settings.

V DIRECTION/ENTER button (◀/▶/▲/▼/ENT)

Selects and executes the items or settings.

W A-B button

Specifies a section and plays it repeatedly.

X FM MODE (STEP II▶) button

In Tuner mode, puts the tuner into mono mode typically to reduce noise on weak FM stereo signals.

In DVD player mode, press to do the playing flame to flame.

Y OPEN/CLOSE button (Δ)

Opens or closes the disc holder.

Z STOP button (■)

Stops playing a disc and clears the stored program.

a DISPLAY button

Switches the item displayed on the TV screen or/and on the front panel display.

b ZOOM button

Zooms in the playing picture.

c VOLUME/CONTROL buttons (+/-)

Increase or decrease the master volume level or the treble or the bass, as selected by the SELECT button below.

d PAL/NTSC button

Changes the color system temporarily to match your TV standard.

e TONE/BAL button

Selects the treble, the bass or the master volume to raise or lower.

f EEPS button

Offers pop, rock, jazz, and classic modes. (EEPS stands for Electronic Equalizer Preset System.)

g MUTING button

Mutes the sound.

h 3D button

Delivers three dimensional effects from only one pair of speakers.

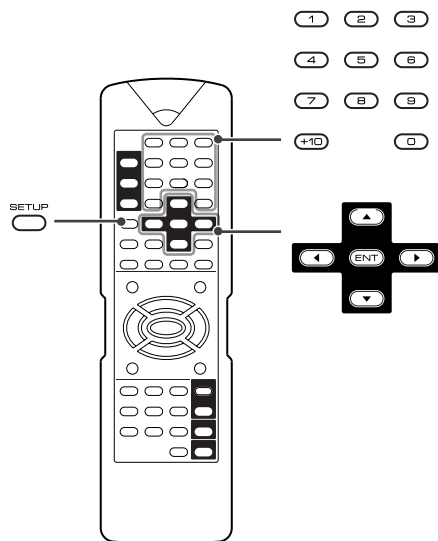
This chapter describes how to set and how to adjust your DV-C200 settings using the SETUP menu. Most settings and adjustments are required to be set when you first use the system.

Using the SETUP Menu

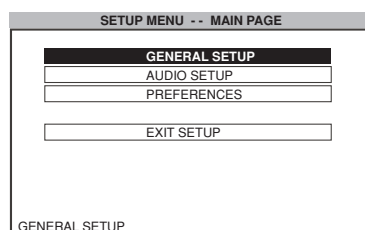
Using the SETUP menu, you can do the initial setup, adjusting the picture, etc. you can also set a language for the subtitles and the OSD, limit playback by children, etc.

Notes

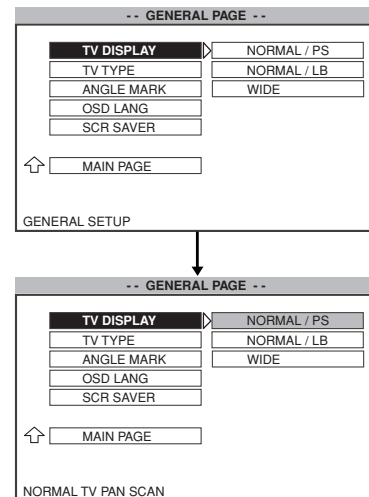
- Some settings are in the chapter of Basic Setup, see the relevant pages.
- All settings in the SETUP menu are not used when Tuner or AUX is selected.
- "PREFERENCES" cannot be selected when a disc is playing.



- 1 Press the SETUP button to enter SETUP menu.
Select the main item you want using the ▲/▼ buttons, and then press the ENT button.



- 2 Select the sub-item you want using the ▲/▼ buttons.
Press the ► button to go to the option list.
Select the setting item using the ▲/▼ buttons, then press the ENT button to confirm your selection.



- Use the ◀/▶/▲/▼ buttons and the ENT button to select and set other items.
- Use the numeric buttons(0-9) to key in numbers, such as the password for parental control.

- 3 Press the SETUP button again to exit menu.

GENERAL SETUP

Selecting the TV Aspect

NORMAL/PS(Pan & Scan mode)

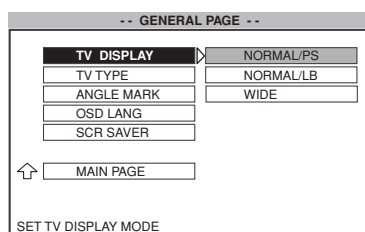
When you connect a normal (4:3 aspect ratio) TV to the system, this setting displays a wide picture on the whole TV screen with a portion (right and left sides of the picture) automatically cut off.

NORMAL/LB(Letterbox mode)

When you connect a normal (4:3 aspect ratio) TV to the system, this setting displays a wide picture with black bands displayed on the upper and lower portions of the screen. You will see the entire wide screen picture on the screen.

WIDE(Wide-screen mode)

Use this setting when you connect a wide-screen (16:9 aspect ratio) TV to the system.



- Some wide-screen discs that do not permit Pan & Scan mode playback are automatically played in Letterbox mode.
- Depending on the DVD, 4:3 Letterbox may be selected automatically instead of 4:3 Pan & Scan and vice versa.
- You must also set the screen mode on your wide-screen TV to "FULL".
- If WIDE is selected and a normal TV is connected, 16:9 content will appear distorted during playback (objects look thin).

Selecting the Color System

PAL :

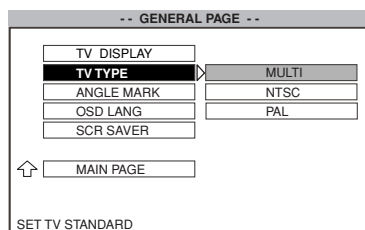
Select PAL when a PAL TV is connected.

NTSC :

Select NTSC When a NTSC TV(U.S. standard) is connected.

MULTI :

Select MULTI When a MULTI TV is connected.



Note:

- You can override the color system setting whenever necessary simply by pressing the NTSC/PAL button on the remote control unit.

Angle Mark Setting

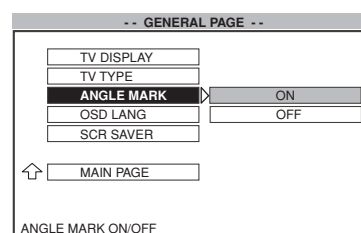
Select whether the angle mark appears on the TV screen or not when a multi-angles scene is being played. Some, but not all, DVDs offer multiple camera angles to the viewer. If there are multiple angles available, and the "ANGLE MARK" option is on, the Angle Mark icon will appear as shown below. If the DVD being viewed do NOT have multiple angles available, there will be no icon displayed regardless of the setting on this menu.

ON:

ANGLE MARK appears on the TV screen.

OFF:

ANGLE MARK does not appear.

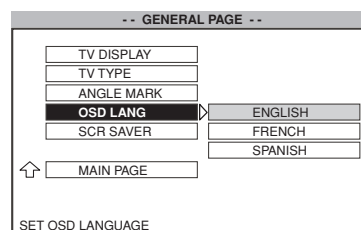


Note

- You can change the angles using the ANGLE button. For the details, see page 30.

Selecting the Language for OSD

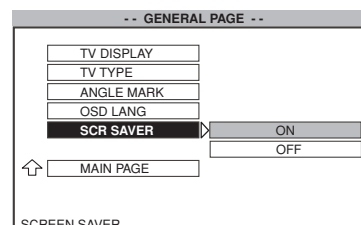
You can select the language for OSD (On Screen Display). This setting allows you select a preferred language for the SET UP menu and operating messages. The default language is ENGLISH.



Screen Saver Setting

Turns on or off the screen saver.

If you turn on the screen saver, the screen saver image appears when you leave the system in pause or stop mode for 5 minutes. The screen saver is useful to prevent your display from becoming damaged.



AUDIO SETUP

Selecting the Audio Output Mode

ANALOG:

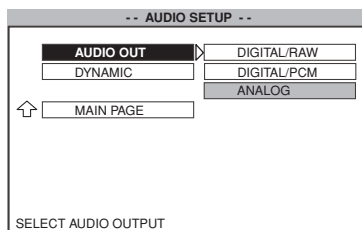
No signal is output from the DIGITAL OUT terminal.

DIGITAL/RAW:

Select this when the unit is connected to an audio component equipped with a built-in Dolby Digital or DTS decoder via the DIGITAL OUT terminal.

DIGITAL/PCM:

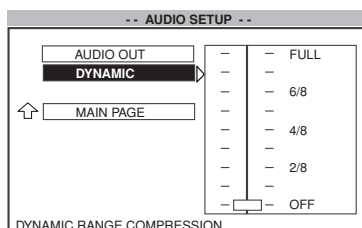
Select this when the unit is connected to an audio component such as amplifier/receiver, CD recorder or MD deck via the DIGITAL OUT terminal.



Dynamic Range Setting

In many listening situations, you may find loud passages objectionable. Adjusting this setting allows you to compress the sounds into a range that you may find more suitable for a particular listening situation. Dolby Digital satisfies these needs through the dynamic range controlling.

Select the dynamic range compression to fit the individual listening situation of the audience. The variable range is from FULL, 7/8, 6/8, 4/8, 2/8, or OFF. The most compression occurs when dynamic range is set to FULL. The lower the setting, the less compression occurs.



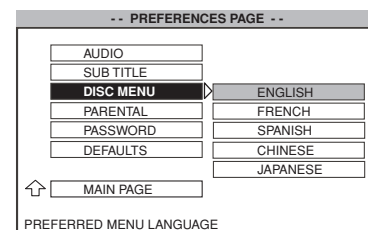
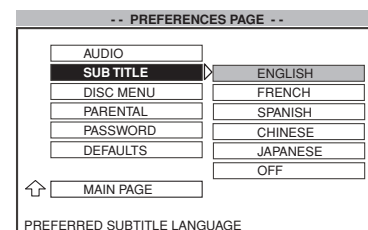
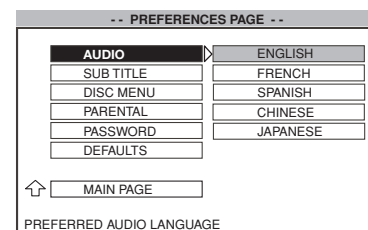
- This function is effective only when playing back a DVD disc recorded with Dolby Digital. There is no effect on other discs.

PREFERENCES

Setting the Language

You can select a preferred language for audio, subtitle and disc menu respectively.

- When you select a preferred language that is not recorded on the DVD, one of the actual recorded languages is automatically selected.
- You can select any recorded language for audio by pressing the LANGUAGE button when playing a DVD disc.
- You can select any recorded language for subtitles using the SUBTITLE button when playing a DVD disc.



How to set your password for Parental Control

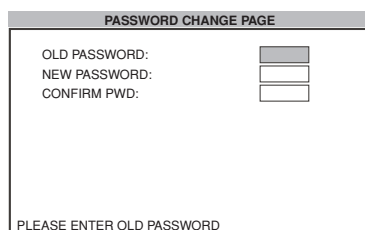
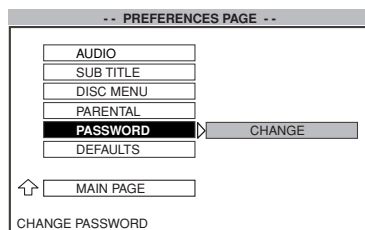
- ❶ Select "CHANGE" and press the ENT button.
- ❷ Enter your 4-digit password using the numeric buttons (0 to 9).
- ❸ To confirm, press your password once again.
- ❹ Press the ENT button.

How to change your password

- ❶ Select "CHANGE" and press the ENT button.
- ❷ Enter your old password using the numeric buttons (0 to 9).
- ❸ Enter your new password using the numeric buttons (0 to 9).
- ❹ To confirm, press your password once again.
- ❺ Press the ENT button.

Notes

The password is used to change the parental control level. Please write your password down and put in a safe place. If you forget your password, do Resetting SETUP as shown right bottom of this page.



Setting the Parental Control Level

Playing some DVD discs can be limited depending on the age of the users. The parental control function in this system allows playback limitation level to be set by the parent. The default setting is "8 (ADULT)".

When you use this function for the first time, you have to set a password.

- ❶ Select a parental control level using the ▲/▼ buttons.
- ❷ Press the ENT button.

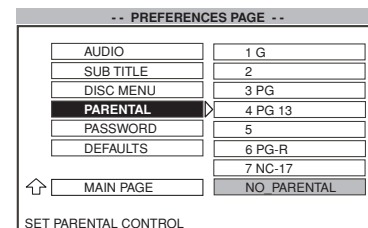
- ❸ Enter your password using the numeric buttons (0 to 9).

If you enter the wrong password, "PASSWORD INCORRECT" appears on the screen, and you cannot go to the next step.

- If you want to quit setting the parental control level, press the SET UP button.

- ❹ Press the ENT button.

Now the parental control level has been changed.



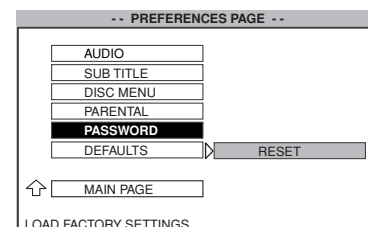
Notes

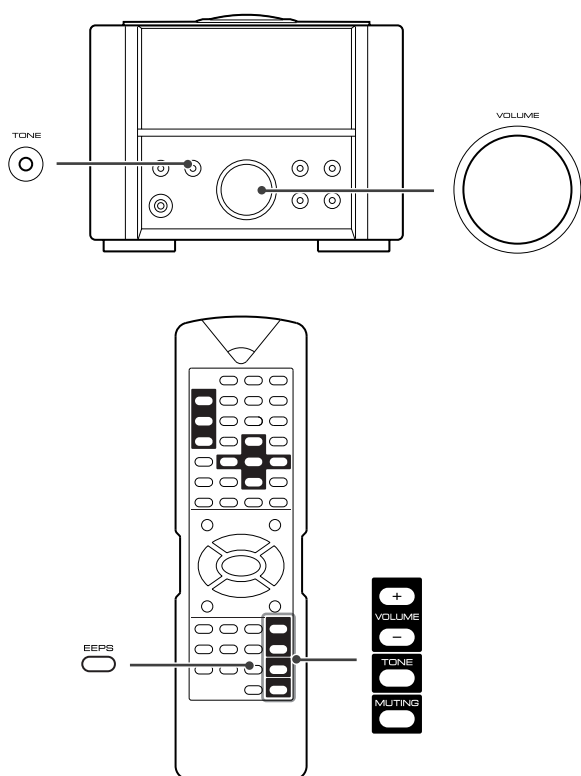
- The lower the level is set, the stricter the limitation is offered.
- If the parental control level of the loading DVD disc is lower than the setting level, the "PARENTAL VIOLATION" message will be shown on the TV screen, and the system will refuse to play the disc.
- To change the parental control level, a correct password must be keyed in.

Resetting SETUP

To reset the settings, select "RESET" and press the ENT button. All the items in the SET UP menu (except for Parental Control and its Password) will be reset to the default settings.

- The unlocking password will be changed to "3308".





Adjusting the Master Volume

You can adjust the volume by rotating the VOLUME/CONTROL knob or by pressing the remote VOLUME/CONTROL buttons (+/-).

Adjusting Speaker Levels

- Each time you press the TONE/BAL button, the display and the TV screen changes as follows.

TREBLE LEVEL → BASS LEVEL → FRONT LEFT LEVEL
 ↑ ↓
 SUBWOOFER LEVEL ← FRONT RIGHT LEVEL

- Use the VOLUME/CONTROL buttons (+/-) to adjust the level.

Levels are adjustable between -10 dB and +10 dB, in 2 dB steps. If you don't press the VOLUME/CONTROL button or the TONE/BAL button for a few seconds when a level is displayed, the level display goes out.

You can adjust the balance of left and right, by adjusting the FRONT LEFT LEVEL and FRONT RIGHT LEVEL. If you don't have a subwoofer, you need not adjust the SUBWOOFER LEVEL.

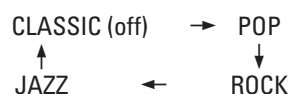
To mute the sound (such as to receive a telephone call et cetera)

Press the MUTE button. The red STANDBY indicator lights and blue LEDs start blinking on the front panel. Press the MUTE button again to release muting and resume the normal output. The STANDBY indicator and the blinking LEDs turn off.

EESP (Electronic EQ Preset System)

The EESP button offers pop, rock, jazz, and classic modes to enhance your listening.

Pressing the EESP button repeatedly rotates the mode in the following sequence:



Using Headphones

Notes

- Before connecting, reduce the volume level.
- Avoid listening for prolonged periods of time or at high volume levels to prevent hearing damage.

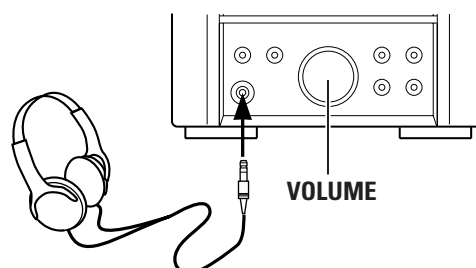
- Plug your headphones to the PHONES jack on the front panel of the unit BEFORE you place the headphones over your ears. This will help avoid any hearing damage if the volume level is too high.

Plug type: 3.5mm, stereo.

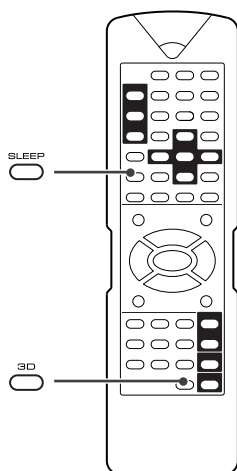
- Adjust the volume level using the VOLUME/CONTROL knob on the front panel.

Note

- The system shuts off speakers' outputs when you are using headphones.
- To prevent noise from being sent to the speakers or headphones, the headphones output is momentarily muted when you plug in or unplug the headphones. In the process of recording audio CD, AUX inputs or TUNER sound through LINE OUT, do not plug in or unplug the headphones. Otherwise, the recording is interrupted for a fraction of a second.



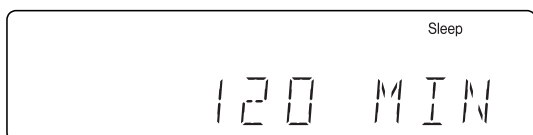
Basic Operation 2



Using the Sleep Timer

You can set the system to turn off automatically at a specified time.

- 1** Press the SLEEP button while the power is on.
Each time you press the SLEEP button, the time changes as shown below.



120 (minutes) → 110 → 100 → 90 → 80 → 70 → 60 → 50 → 40 → 30 → 20 → 10 → OFF → 120 → ...

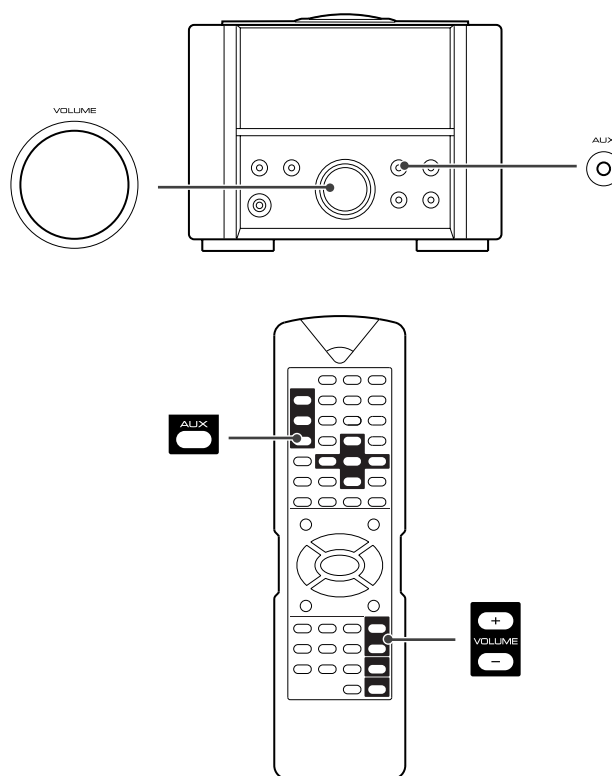
When you have specified the time, the "Sleep" indicator lights on the front panel display.

- 2** You can check the remaining time before the system turns off.
Press the SLEEP button. The remaining time appears on the front panel display for a few seconds.

3D Surround Sound

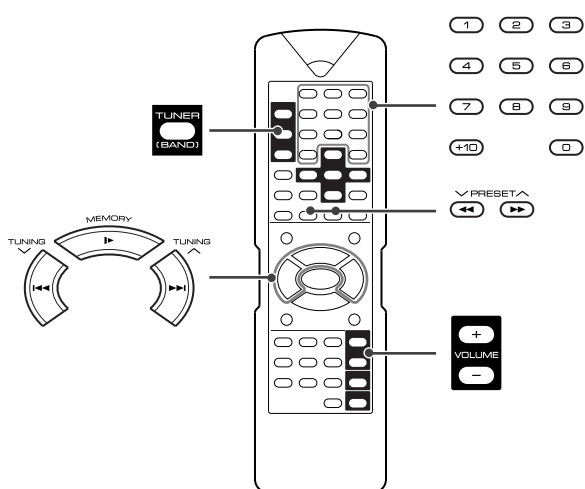
To enjoy 3D surround sound from your left and right speakers, press the 3D button.
Press the 3D button again to off.

Listening to the External Sources



If other audio component(s), such as a cassette player or MD player, are connected to this system (see page 11), you can select that external component by:

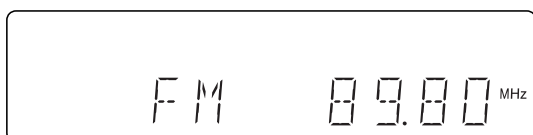
- 1** Press the AUX button.
- 2** Operate the unit connected to this system.
- 3** Adjust the volume level by pressing the VOLUME/CONTROL buttons (+/-).



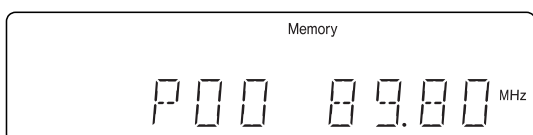
Presetting Radio Stations

You can preset 40 stations for FM and AM randomly. Before tuning, make sure that you have turned down the volume to a minimum listening level.

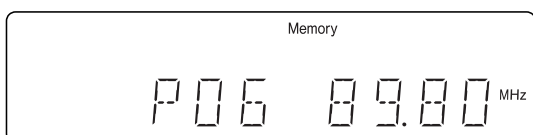
- 1** Press the TUNER (BAND) button on the remote control to select Tuner function.
- 2** In TUNER mode, press the TUNER (BAND) button to select desired FM or AM band.
- 3** Press and hold the TUNING buttons (V/^) until the frequency indicator starts to change automatically, then release the button. Scanning stops when the system tunes in to a station.



- 4** Press the MEMORY button.
A preset number "P00" and "Memory" indicator appear on the front panel display.



- 5** Press the PRESET CALL buttons (V/^) on the remote control to select the preset number you want.
You can use the numeric buttons (0~9 / +10) on the remote control to key in a preset number directly.



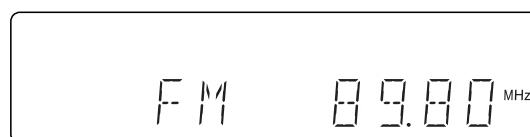
- 6** Press the MEMORY button again to store the station.
If you do not press this button within 5 seconds or if you press any other buttons, the station won't be stored in the system. The preset number and "Memory" indicator disappear.

Repeat Step 2 to 6 to store other stations.

Listening to the Radio

Make sure the supplied or external antennas are connected as described on pages 12 and 13 of this owner's manual. Preset your favorite radio stations into the system's memory first.

- 1** Press the TUNER (BAND) button to select FM or AM.



- 2** Press the PRESET CALL buttons (V/^) repeatedly to select the preset station you want.
Or use the numeric buttons (0-9 / +10) to key in a preset number, you can select the preset station directly.
To access preset numbers 1 through 9, press the corresponding number on the remote. To access preset numbers 10 through 19, press the +10 button once and then the corresponding second number. Each time the +10 number is pressed, the display will increment 10 presets.
For example (To access preset number 34): press **+10, +10, +10, 4**
- 3** Adjust the volume level by pressing the VOLUME/CONTROL buttons (+/-).

To listen to non-preset radio stations

For manual tuning, press the TUNING buttons (V/^) repeatedly.
For automatic tuning, press and hold the TUNING buttons (V/^) until the frequency indicator starts to change automatically, then release the button.

To turn off the radio

Press the POWER switch.

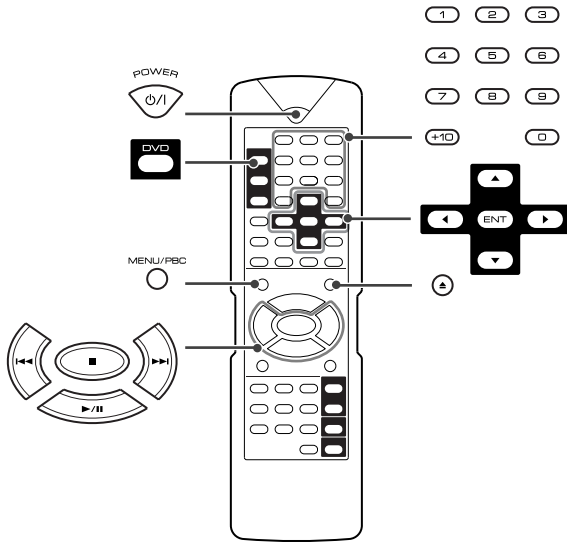
If an FM program is noisy

Press the FM MODE button on the remote control so that "MONO" appears on the front panel display. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.
If the program is not stereo, the unit is automatically turned to mono mode.

To improve reception

Reorient the supplied antennas.

This chapter describes how to play a DVD / Video CD / CD / MP3 disc.



DVD/VCD/CD/MP3 Basic Play

Depending on the DVD or Video CD discs, some operations may be different or restricted. Refer to the instructions supplied with your disc.

- 1 When you want to play a DVD or Video CD, turn on the TV and switch it to video input so that you can view the pictures from this system.
- 2 Press the POWER button to turn on the system. The front panel display and blue LEDs are lit and, if the unit is in the DVD player mode, the startup screen appears on the TV screen.
- 3 If the system is not in the DVD player mode, press the DVD button.
- 4 Press the OPEN/CLOSE button (▲), and place a disc in position. Press the OPEN/CLOSE button (▲) again to close the cover. The player starts loading the disc.

DVD

When a DVD is loaded, the playback may start automatically. If a title menu appears on the screen, select an item by pressing the ▲/▼/◀/▶ buttons and then press the SELECT button.

- Depending on the disc, you can use the numeric buttons to select an item.
- "Title menu" may simply be called "menu" or "title" in the instructions supplied with the disc.
- If you press the MENU/PBC button or the TITLE button during playback, title menu will appear on the screen. (In some cases, the playback might restart from the beginning of the disc.)

Video CDs with PBC

When a Video CD (Version 2.0) with Playback Control functions(PBC) is loaded, a menu will appear on the screen.

Select an item by pressing the numeric buttons, and then press the SELECT button to start playback.

- Press the ►► button to advance to the next page. Press the ◀◀ button to return to the previous page.
- If you press the TITLE button during playback, the menu will appear on the screen.
- Press the MENU/PBC button to turn the PBC function on or off. If you press the MENU/PBC button during playback, playback will stop.

When the PBC function is off:

If you press the PLAY button (▶) in the stop mode, playback will start from the first track.

When the PBC function is on:

If you press the PLAY button (▶) in the stop mode, a menu will appear on the screen.

Select an item by pressing the numeric buttons, and then press the SELECT button to start playback.

CD/MP3

Playback starts from the first track automatically.

In the stop mode, select the file by pressing the numeric buttons and press the ENT button.

- During playback a MP3 disc, you can select other file with the numeric buttons.
- Press the MENU/PBC button to turn the MP3 menu off. Press the MENU/PBC button again to turn the MP3 menu on.

Note

- When the DVD player is loading a disc, the system may not respond to any operations.

To Begin Playback/To Pause

Press the PLAY/PAUSE button (▶/||) while in stop mode to begin playback. Press it again to pause.

To Stop Playback

Press the STOP button (■) to stop playback.

Skip Next or Previous

Press the ◀◀ or ►► button while playing a disc.

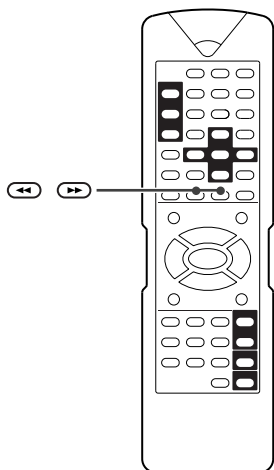
The playback will go to the next or previous title, chapter or track in continuous play mode.

Notes

- If the RPT-ONE function has been set, pressing the ◀◀ or ►► button will replay the same chapter (or track or title) from its beginning.
- If the RPT-ALL function has been set, pressing the ◀◀ or ►► button repeatedly will skip to select all the chapters (or tracks) in a title (or disc) cyclically.

For the REPEAT (repeat) play, see page 26.

Locate Point Quickly



DVD/VCD/CD

Press the ◀◀ or ▶▶ button while playing a disc.

The player will search the disc fast forward or reverse. When you find the point you want, press the PLAY/PAUSE button (▶/||) to return to the normal speed.

Change the searching speed

You can change the searching speed by pressing the ◀◀ or ▶▶ button repeatedly. You can select the following types of searching speed:

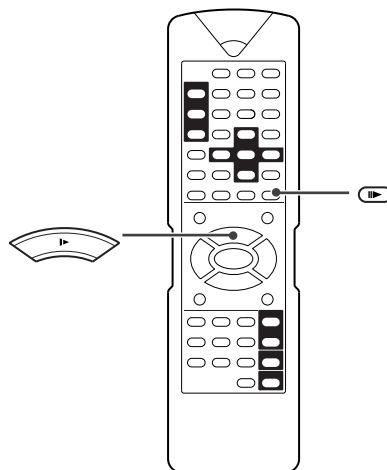
FF 1X, FF 2X, FF 3X, FF 4X; or FR 1X, FR 2X, FR 3X, FR 4X.

- When you play a Video CD or CD, your selection is effective only within the current single track.

Notes

- The larger the number is, the faster the searching speed becomes.
- For Video CD and CD, when the searching goes to the end of one track, the player will begin to play the next track at normal speed. When the searching goes to the beginning of one track, the player will begin to play the track from the beginning at normal speed.
- The audio may be muted or broken up during the search function.

Slow / Step



DVD/VCD Slow-Motion Play

Press the SLOW button (▶) to play a disc in slow motion.

If the playing disc is DVD, press this button repeatedly to select the following slow-motion type:

SF 2X → SF 4X → SF 8X → SR 2X → SR 4X → SR 8X → normal play.

If the playing disc is Video CD, press this button repeatedly to select the following slow-motion type:

SF 1X → SF 2X → SF 3X → normal play.

Notes

- SF: Slow Forward.
- SR: Slow Reverse.
- The larger the number is, the slower the speed becomes.
- This function is not available for CD and MP3.
- On some discs, the slow-motion playback function is disabled.
- There is no audio during Slow Forward or Slow reverse function.

Single Stepping Play

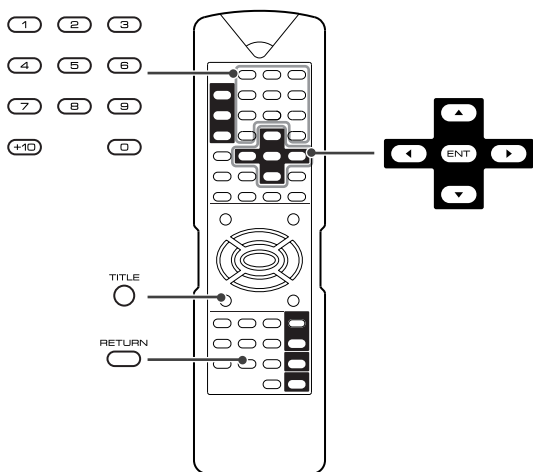
Press the STEP button (▶) repeatedly to play the disc step by step (one frame every step).

Press the PLAY/PAUSE button (▶/||) again to resume normal playback.

Note

- This function is not available for CD and MP3.

Playback with Disc Menu



DVD/VCD

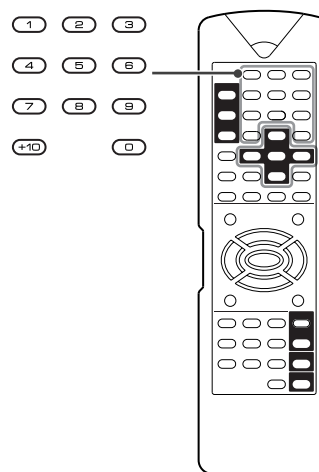
Some, if not all, DVD discs have menus recorded on them from which you can select titles or chapters or the language for the subtitles. With such discs you can do the following:

- 1 Press the TITLE button when a DVD disc is playing.
A disc-specific menu will be displayed on the TV screen.
If the menu appeared does not give you choices of titles/chapters, try pressing the RETURN button. A Root Menu may appear depending on the disc.
- 2 Use the ◀/▶/▲/▼ buttons to select an option from the menu.
With some discs you can alternatively use the numeric buttons.
- 3 Press the ENTER button to confirm your selection.

Notes

- With some DVD discs, pressing the TITLE or RETURN button causes playback to restart from the beginning of the disc.
- The language of your choice for voice and subtitles can be set as default. See page 29.

Direct Playback



VCD/CD/MP3

You can select a track directly using the numeric (0~9 / +10) buttons

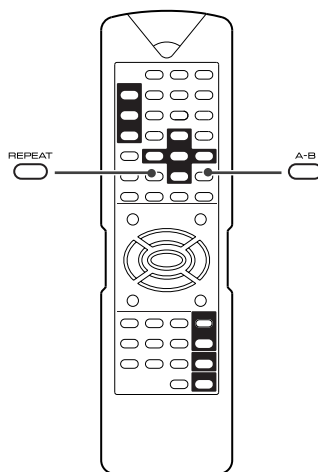
- In play or stop mode, press the numeric button to select a track you want. The system will go to the beginning of the selected track and start playing it.
- If the track number is more than 10, use the +10 button. The number will increase 10 whenever you press +10 once.

For example: to select the track of 25.

+10 → +10 → 5

Notes

- This function is not available for DVD.
- If the PBC function is set to on, you cannot select the track on the Video CD (Ver. 2.0) using numeric buttons directly. About PBC, see page 21.



DVD/VCD/CD/MP3 Repeat Play

You can play all of chapters within a single title or on a DVD disc repeatedly.

You can play all of the tracks on an audio disc repeatedly.

You can play a single title, chapter or track repeatedly.

In program play mode, the system repeats the chapters or tracks in the programmed order.

Press the REPEAT button repeatedly to select the following repeat type cyclically.

DVD:

→ Chapter Repeat On → Title Repeat On → Repeat Off

Video CD, CD, MP3:

→ RPT-ONE → RPT-ALL → REPEAT OFF

- [PRT-ONE]: means Repeat One Track.
- [PRT-ALL]: means Repeat All Tracks.

Notes

- You can not set repeat play during stop.
- You can not do repeat play during PBC playback.
- You may not be able to do repeat play depending on the DVD disc.

DVD/VCD/CD A-B Repeat Play

You can play a specific portion in a chapter or track repeatedly. This is useful when you want to memorize lyrics.

- 1 When playing a disc, press the A-B button one time to set the starting point "A" of the specific portion you want to play repeatedly.

The "[A-]" indicator appears on the front panel display.

- 2 When reaching the end point "B" you want, press the A-B button a second time.

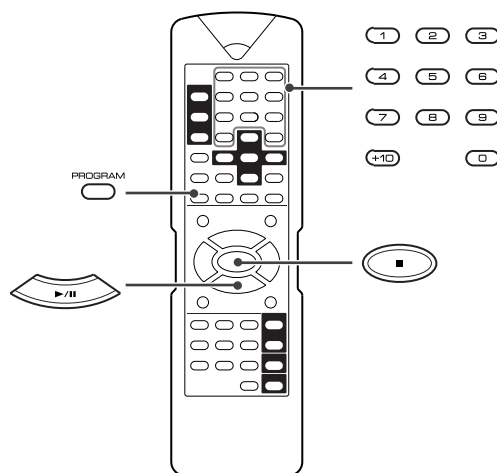
The "[A-B]" indicator appears on the front panel display.

The player starts to play the specific portion from point "A", and will continue playing this portion repeatedly unless you cancel the A-B repeat function.

- 3 Press the A-B button again to cancel this setting and resume playback in normal order.

Notes

- The point "A" and "B" can be set only in the same chapter or track.
- You can set A-B repeat on only one specific portion.
- A-B repeat is canceled when:
 - you stop playback.
 - you open the disc holder.
 - you turn the power off.
- You may not be able to set A-B repeat, depending on the scene of the DVD or the Video CD disc.



VCD/CD Program Play

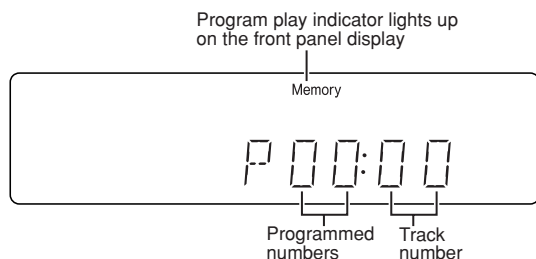
This feature uses On Screen Menus. Make sure your TV is connected and turned on prior to attempting to use Program Play.

You can play the contents of the disc in the order you want by arranging the order of the tracks on the disc and create your own program. One program can be stored in the system and can contain up to 99 tracks.

Note

- This function is not available for DVD and MP3 disc.
- You cannot do program playback during PBC playback of Video CD.

- 1 In stop mode, press the PROGRAM button to enter program registration mode. The programming display appears on the TV screen and the front panel display.



- 2 Use the numeric buttons (0~9 / +10) to key in the track numbers in the order you want. If the track number is more than 10, use +10 button. If the programmed numbers have reached the maximum limit (P99:--) and you key in track number again, the "FULL" indicator will appear on the TV screen and the front panel display.
- 3 When you have completed your program registration, press the PLAY/PAUSE button (▶/||) to start the program play.

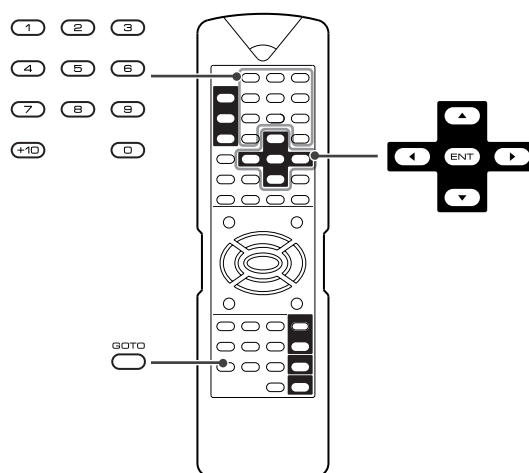
Note

- If you press the STOP button (■) or buttons not used in the program registration mode, the system will interrupt and exit the program setting.
- The program remains even after the program play ends. Providing you do not turn off the power, when you press the PLAY/PAUSE button (▶/||), you can play the same program again.
- You can repeat play the programmed tracks. During program play, press the REPEAT button.
- If one of the following buttons is pressed, the program will be cleared:

POWER switch on the remote
POWER switch on the DV-C200 itself
STOP button (■) in the stop mode

- When the total elapsed time goes over 99:59, there are occasions when the wrong time is displayed.

Time Select



DVD/VCD/CD

You can search by inputting the time code.
The time code corresponds to the approximate actual playing time.
For example, to search for a scene 2 hours 30 minutes 20 seconds past the beginning, key in 02:30:20.

Note

- This function is not available for CD and MP3.
- You may not be able to do this function depending on the DVD disc.

If the playing disc is DVD

Title and Chapter Select

1 Press the GOTO button. The following menu appears on the TV screen.

TITLE 02 / 05 CHAPTER 001 / 006

2 Use the ◀ or ▶ button to select title number or chapter number.

TITLE 02 / 05 CHAPTER 001 / 006

TITLE 02 / 05 CHAPTER 001 / 006

Use the numeric buttons (0~9) to input the title or chapter number you want.

3 Press ENT button to play your selection.

Time Select

1 Press the GOTO button twice to enter time menu shown as below.

TITLE 02 / 05 TIME --:--:--

2 Use the numeric buttons (0~9) to input the time code you want.
For example, key in 0, 1, 2, 3, 4, 5.

TITLE 02 / 05 TIME 01 : 23 : 45

3 Press ENT button to start playing from the point.

Notes

- If the title number, chapter number or time code you input does not exist in the disc, the system will not execute your selection and the selecting menu will exit.
- The selection menu will time out after a few seconds if you do not input valid number.

If the playing disc is Video CD or CD

1 Press the GOTO button.

The time menu appears on the TV screen.

GOTO: --:--

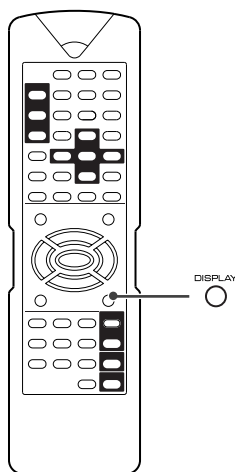
2 Use the numeric buttons (0~9) to input the time code you want.
For example, key in 0, 1, 2, 3.

GOTO: 01 : 23

When the last digit is input and the time code is valid, the system starts playing from the point.

Note

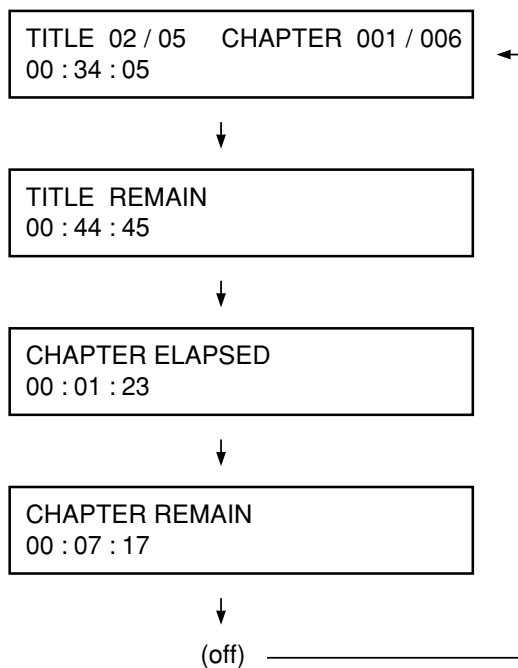
- The GOTO feature is not work with PBC functions.



DVD/VCD/CD/MP3

Each time the DISPLAY button is pressed, following information will appear on the screen.

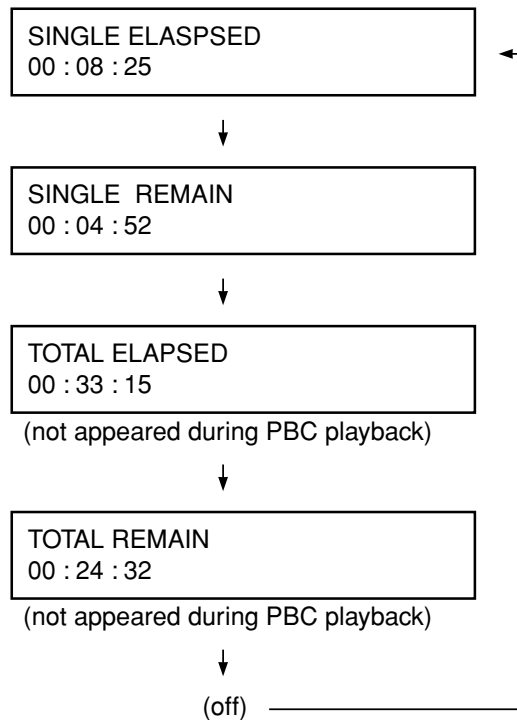
When playing back a DVD



Notes

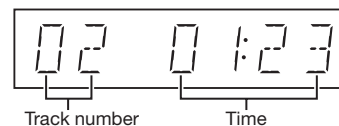
- The above information does not appear on the front panel display.
- Depending on the DVD, the title number or chapter number or time may not appear or you may not be able to change the display.

When playing back a Video CD or CD



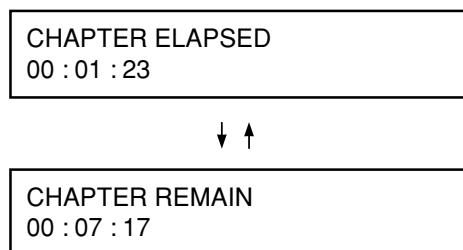
Note

- For CD, the information about track and time appears simply on the front panel display, shown as below.



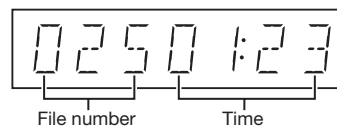
- Depending on the VCD, the time information may not appear on the TV screen or you may not be able to change the display.
- When the total elapsed time goes over 99:59, there are occasions when the wrong time is displayed.

When playing back an MP3

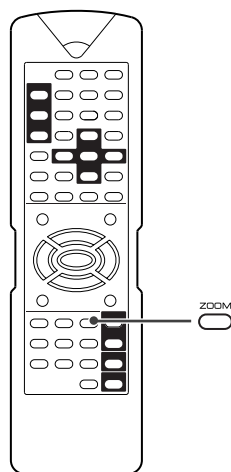


Note

- The information about track and time appears simply on the front panel display, shown as below.



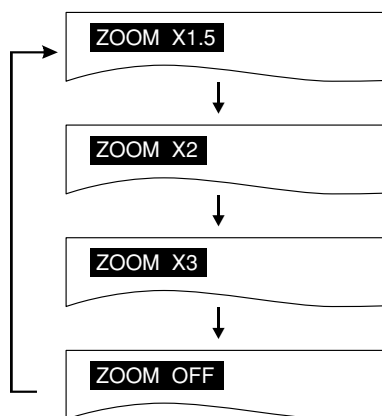
Picture Zooming



DVD/VCD

The ZOOM feature is not available on some discs.

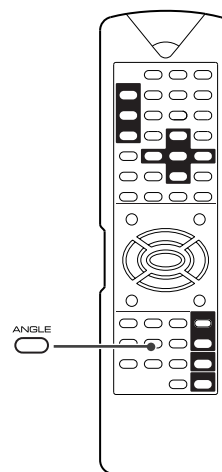
- 1** Press the ZOOM button on the remote control during normal, slow or still (pause) playback.
- 2** If you press the ZOOM button repeatedly, the magnification level increases each time. Three magnification levels are supported. On each press of the ZOOM button, the following message will appear on the TV screen.



Notes

- If you press the ◀/▶/▲/▼ buttons, the zoom point shifts, allowing you to pan the zoomed picture.
- Some discs may not respond to the zoom feature.
- Zooming does not work on subtitles or menu screens included on DVDs.
- The magnification level varies depending on the TV DISPLAY selection in the SETUP menu.

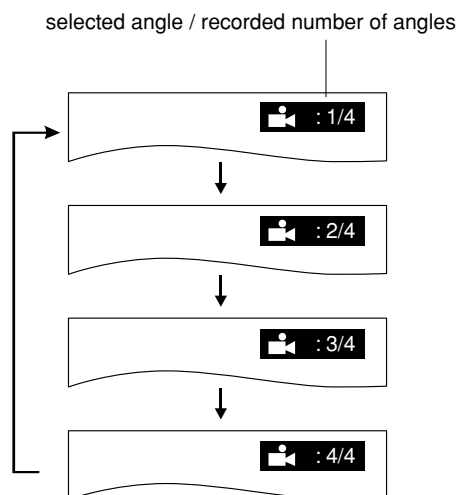
Angle Selection



DVD

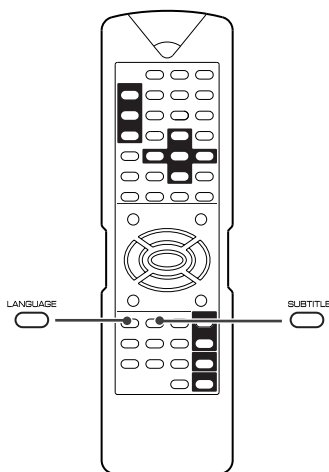
Some DVD discs contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scenes can be viewed from each of the different angles. (The recorded angles differ from disc to disc.)

- 1** While playing a title shot from different angles, the angle mark appears on the TV screen. You can turn off the on-screen angle mark by changing the system settings, for details, see page 17.
- 2** Press the ANGLE button to change the scenes from one angle to other angle(s).



Note

- The maximum number stipulated by the manufacturer is 9/9.



DVD Subtitle Language Selection

Note

- This function can only be used for DVD discs on which subtitles have been recorded in multiple languages.

While playing a DVD disc, press the SUBTITLE button repeatedly to select a desired language for subtitle. The subtitle is displayed in the new language immediately.

Notes

- Some DVDs display subtitles automatically, and cannot be turned off even if you set the subtitle function to off. Foreign films shot in different languages have such permanent subtitles.
- During some scenes, the subtitles may not appear immediately after you turn them on.
- Some DVDs allow you to make subtitle selections and turn subtitles on or off only via the disc menu. Use the ◀/▶/▲/▼ buttons and the ENTER button.
- The maximum number of subtitle languages stipulated by the manufacturers is 32/32.
- You can set a preferred language for subtitle in the SETUP menu, see page 18.

DVD Audio Language Selection

Note

- This function can only be used for DVD discs on which audio has been recorded in multiple languages.

While playing a DVD disc, press the LANGUAGE button repeatedly to select a desired language for audio. Playback then continues in new language.

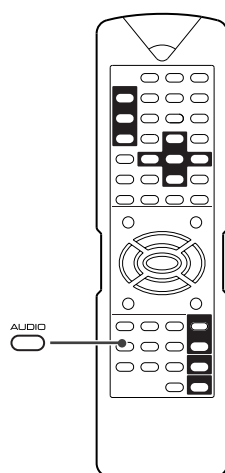
Notes

- Some DVDs allow you to change audio selections only via the disc menu. Use the ◀/▶/▲/▼ buttons and the ENTER button.
- The maximum number of audio languages stipulated by the manufacturers is 8/8.
- You can set a preferred audio language, see page 18.

Depending on some VCD and DVD discs, you may be able to change the audio format (including audio coding type, number of channels recorded and audio language) using the LANGUAGE button. The relevant message appears on the TV display as shown below.

AUDIO 2/8: AC-3 5.1CH ENGLISH

Audio Channel Selection



DVD/VCD

This function is provided for supporting Karaoke.

DVD

While you are playing a DVD disc with different channels recorded, press the AUDIO button repeatedly to select the following audio modes.



Enjoying Karaoke only with the accompaniment

For some DVD Karaoke discs, the vocal is recorded as well as the accompaniment. Selecting "NO VOCAL" may turn off the vocal and only output the accompaniment, so you can enjoy Karaoke only with accompaniment.

Enjoying Karaoke with partner

For some DVD discs, duet vocals are recorded. Activating "LEFT VOCAL" or "RIGHT VOCAL" to select "Female partner" or "Male partner", so you can enjoy practicing duets.

Notes

- Depending on the DVD disc, you may not get the above function(s).
- For some DVD discs, the above function(s) may not work correctly.

VCD

While you are playing a VCD disc with different channels recorded, press the AUDIO button repeatedly to select the following audio modes.



Enjoying Karaoke only with the accompaniment

For some VCD Karaoke discs, the vocal and accompaniment are recorded in different channels. Selecting "MONO LEFT" or "MONO RIGHT" may turn off the vocal and only output the accompaniment, so you can enjoy Karaoke only with accompaniment.

Enjoying Karaoke with partner

For some VCD discs, duet vocals are recorded in different channels. Activating "MONO LEFT" or "MONO RIGHT" to select "Female partner" or "Male partner", so you can enjoy practicing duets.

Notes

- Depending on the VCD disc, you may not get the above function(s).
- The function of audio channel selection is not available for CD and MP3.
- Some VCD discs are recorded with dual audio languages. By pressing the AUDIO button, you can select a desired audio language.

Note

- Depending on the VCD disc, you can press the LANGUAGE button to make the above selections.

Bit rate

Value indicating the amount of video data compressed in a DVD per second. The unit is Mbps (mega bit per second). 1 Mbps indicates that the data per second is 1,000,000 bits. The higher the bit rate is, the larger the amount of data. However, this does not always mean that you can get higher quality pictures.

Chapter

Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Dolby Digital

This sound format for movie theaters is more advanced than Dolby Pro Logic Surround. In this format, the rear speakers output stereo sound with an expanded frequency range and a subwoofer channel for deep bass is independently provided. This format is also called "5.1" because the subwoofer channel is counted as 0.1 channel (since it functions only when a deep bass effect is needed). All six channels in this format are recorded separately to realize superior channel separation. Furthermore, since all the signals are processed digitally, less signal degradation occurs. The name "AC-3" comes from the fact that it is the third audio coding method to be developed by the Dolby Laboratories.

Dolby Pro Logic Surround

As one method of decoding Dolby Surround, Dolby Pro Logic Surround produces four channels from two-channel sound. Compared with the former Dolby Surround system, Dolby Pro Logic Surround reproduces left-to-right panning more naturally and localizes sounds more precisely. To take full advantage of Dolby Pro Logic Surround, you should have one pair of rear speakers and a center speaker. The rear speakers output monaural sound.

DTS

Digital audio compression technology that the Digital Theater Systems, Inc. developed. This technology conforms to 5.1-channel surround. The rear channel is stereo and there is discrete subwoofer channel in this format. DTS provides the same 5.1 discrete channels of high quality digital audio. The good channel separation is realized because the all channel data is recorded discretely and digitally processed.

MPEG AUDIO

International standard coding system to compress audio digital signals authorized by ISO/IEC. MPEG 1 conforms to up to 2-channel stereo. MPEG 2 used on DVDs conforms to up to 7.1-channel surround.

DVD

A disc that contains up to 8 hours of moving pictures even though its diameter is the same as a CD.

The data capacity of a single-layer and single-sided DVD, at 4.7 GB (Giga Byte), is 7 times that of a CD.

Furthermore, the data capacity of a dual-layer and single-sided DVD is 8.5 GB, a single-layer and double-sided DVD 9.4 GB, and a dual-layer and double-sided DVD 17 GB.

The picture data uses the MPEG 2 format, one of the worldwide standards of digital compression technology.

The picture data is compressed to about 1/40 of its original size. The DVD also uses the variable rate coding technology that changes the data to be allocated according to the status of the picture.

The audio data is recorded in Dolby Digital as well as in PCM, allowing you to enjoy more real audio presence.

Furthermore, various advanced functions such as the multi-angle, multilingual, and Parental Control functions are provided with the DVD.

Multi-angle function

Various angles, or viewpoints of the video camera, for a scene are recorded on some DVDs

Multilingual function

Several languages for the sound or subtitles in a picture are recorded on some DVDs.

Parental Control

A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback is completely prohibited, violent scenes are skipped or replaced with other scenes and so on.

Playback Control (PBC)

Signals encoded on Video CDs (Version 2.0) to control playback.

By using menu screens recorded on Video CDs with PBC functions, you can enjoy playing simple interactive programs, programs with search functions, and so on.

Title

The longest sections of a picture or a music piece on a DVD; a movie, etc., for a picture piece on video software; or an album, etc., for a music piece on an audio software. Each title is assigned a title number enabling you to locate the title you want.

Track

Sections of a picture or a music piece on a CD or Video CD. Each track is assigned a track number enabling you to locate the track you want.

Video CD

A compact disc that contains moving pictures.

The picture data uses the MPEG 1 format, one of the worldwide standards of digital compression technology.

The picture data is compressed to about 1/140 of its original size. Consequently, a 12 cm Video Disc can contain up to 74 minutes of moving pictures.

Video CDs also contain compact audio data. Sounds outside the range of human hearing are compressed while the sounds we can hear are not compressed. Video CDs can hold 6 times the audio information of conventional audio CDs.

There are 2 versions of Video CDs.

- Version 1.1: You can play only moving pictures and sounds.
- Version 2.0: You can play high-resolution still pictures and enjoy PBC functions.

This system conforms to both versions.

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult your nearest service center.

No power.

- ➔ Is the power cord firmly plugged into the power outlet?
- ➔ Is the power outlet switched as with a light switch or power strip? If so, reconnect to an active power outlet.
- ➔ One of the safety mechanisms may be operating. In this event, unplug the unit from the power outlet briefly and then plug it in again.

No picture.

- ➔ Check that the system is connected securely.
- ➔ The video connecting cord is damaged. Replace it with a new one.
- ➔ Make sure you connect the system to video input connector on the TV (see page 10).
- ➔ Make sure you turn on the TV.
- ➔ Make sure you select the video input on the TV so that you can view the pictures from this system.

Picture noise appears.

- ➔ Clean the disc.
- ➔ If video from this system has to go through your VCR to get to your TV, the copy-protection applied to some DVD programs could affect picture quality. Please connect the unit directly to your TV.

The image is distorted.

- ➔ Press the remote PAL/NTSC button. Or better yet, get to the SETUP menu and switch the TV TYPE setting over to PAL or NTSC.

The aspect ratio of the screen cannot be changed even though you set "TV DISPLAY" in the SETUP menu when you play a wide picture.

- ➔ The aspect ratio is fixed on your DVD disc.
- ➔ If you connect the system with the S-Video cable, connect directly to the TV. Otherwise, you may not change the aspect ratio.
- ➔ Depending on the TV, you may not change the aspect ratio.

There is no sound or only a very low-level sound is heard.

- ➔ Check that the speakers and components are connected securely.
- ➔ Make sure that you have selected the correct source on the system.
- ➔ Press the MUTE button on the remote control if the red LED on the front panel is lit.
- ➔ The protective device on the system has been activated because of a short circuit. Turn off the system, eliminate the short-circuit problem and turn on the power again.
- ➔ The audio connecting cord is damaged. Replace it with a new one.
- ➔ The system is in pause mode or in slow-motion play mode, or fast forward or fast reverse is performed. Press the PLAY/PAUSE (▶/⏸) button to return to normal play mode.
- ➔ Make sure nothing is plugged into the PHONES jack on the front panel.

There is no output from DIGITAL OUT.

- ➔ If ANALOG is selected for AUDIO OUTPUT at the SETUP menu, the COAXIAL and OPTICAL will not have audio output.

The left and right sounds are unbalanced or reversed.

- ➔ Check that the speakers and components are connected correctly and securely.

Severe hum or noise is heard.

- ➔ Check that the speakers and components are connected securely.
- ➔ Check that the connecting cords are away from a transformer, TV set or fluorescent light.
- ➔ The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.
- ➔ Clean the disc.

The sound loses stereo effect when you play a Video CD or a CD.

- ➔ Make sure you connect the system appropriately.
- ➔ If you are playing a karaoke disc, press the AUDIO button to select other audio modes.

Radio stations cannot be tuned in.

- ➔ Check that the antennas are connected correctly. Adjust the antennas and connect an external antenna if necessary.
- ➔ The signal strength of the stations is too weak (when tuning in with automatic tuning). Use manual tuning.
- ➔ No station has been preset.

The remote does not function.

- ➔ Remove any obstacles between the remote control and the system.
- ➔ Use the remote control near the system.
- ➔ Point the remote control at the front panel.
- ➔ Replace all the batteries in the remote control with new ones if they are weak.
- ➔ Check that the batteries are loaded correctly.

The disc does not play.

- ➔ There is no disc inside. ("NO DISC" appears on the front panel display and the TV screen.)
Insert a disc.
- ➔ Insert the disc correctly with the playback side facing down on the disc holder.
- ➔ Insert the disc onto the correct position of the disc holder.
- ➔ Clean the disc (see page 6).
- ➔ The system cannot play CD-ROMs, etc. (see page 5).
Insert a DVD, a Video CD, a CD, or a MP3 disc.
- ➔ Check the region code of the DVD disc (see page 5).
- ➔ Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour (see page 4).

Playback stops automatically.

- ➔ Depending on the disc, the auto pause signal is recorded. While playing such a disc, the system stops playback at the signal.

Troubleshooting 2

Stopping playback, Search, Slow-motion play, repeat play or Program play, etc., cannot be done.

- ➔ Depending on the disc, you may not do some of the operations.

Messages do not appear on the TV screen in the language you want.

- ➔ Select the language for OSD in SETUP menu (see page 18).

The language for the sound cannot be changed when you play a DVD.

- ➔ Multilingual sound is not recorded on the DVD.
- ➔ Changing the language for the sound is prohibited on the DVD.

The language for the subtitles cannot be changed when you play a DVD.

- ➔ Multilingual subtitles are not recorded on the DVD.
- ➔ Changing the language for the subtitles is prohibited on the DVD.

The subtitles cannot be turned off when you play a DVD.

- ➔ Depending on the DVD, you may not be able to turn the subtitles off.

The angles cannot be changed when you play a DVD.

- ➔ Multi-angles are not recorded on the DVD.
- ➔ Change the angles when the angle mark appears on the TV screen (see pages 28 and 31).
- ➔ Changing the angles is prohibited on the specific DVD.

The system does not operate properly.

- ➔ Static electricity, etc., may affect the system's operation. Disconnect the AC power cord and then connect it again.

Specifications

DVD Player

Pickup : Semiconductor laser, Wavelength 650 nm

Signal system : NTSC / PAL

Audio frequency response : 4 Hz ~ 22 kHz (PCM 48kHz)
4 Hz ~ 44 kHz (PCM 96kHz)

Video output level : 1 Vp-p 75 ohms

S-video output level : Y: 1 Vp-p 75 ohms, C: 0.286 Vp-p 75 ohms

Tuner

System : PLL quartz-locked digital synthesizer system

Tuning range : FM: 87.50 ~ 108.00 MHz (100 kHz step)
AM: 530 ~ 1,710 kHz (10 kHz step)

Antenna : FM pigtail antenna
AM loop antenna

Amplifier

Output power : 15W x 2

Total Harmonic distortion : 10 % (rated power / 1kHz)

Frequency response : 180 Hz ~ 14 kHz

Signal to noise ratio : over 65 dB (CCIR)

Input sensitivity : 400 mV

General

Power requirements : 120V AC, 60 Hz

Power consumption : 70 W

Dimension (WxHxD) : 6-7/8" x 5-3/16" x 12-7/8"
(175 x 132.5 x 327.5mm)

Weight : 9-1/16lb (4.1 kg)

Supplied accessories: AM loop antenna x 1
FM antenna x 1
Speaker cable-6' 6" (2 m) x 2
Remote control unit x 1
Batteries (AAA, R03, UM-4) x 2

Speaker

System : 2-way shielded box

Impedance : 8 Ω

Unit : 3" Woofer + 1" Tweeter

Dimension (WxHxD) : 4-5/16" x 8-1/4" x 16-13/16"
(110 x 210 x 173mm)

Weight : 2-3/16lb (1.0 kg)

- Design and specifications are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations may differ slightly from production models.

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This appliance has a serial number located on the rear panel. Please record the model number and serial number and retain them for your records.

Model number

Serial number

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